



ISSUED EVERY WEDNESDAY

DRUG & CHEMICAL MARKETS

Established 1914

A Weekly Business Paper for Those Who Make, Sell, or Buy
Chemicals, Dyestuffs, Drugs, Essential and Fatty Oils

VOLUME XIII,

NEW YORK, SEPTEMBER 12, 1923

No. 11

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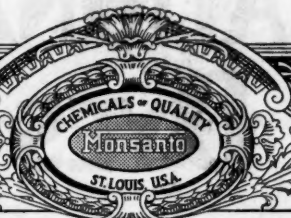
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In This Issue { *Japanese Products Higher
Exposition Plans
Chemists Meeting*

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Bound Brook N. J.
New York Boston Philadelphia Chicago
Canadian Representative
Dillons, Ltd.
Montreal—Toronto

ISSUED EVERY WEDNESDAY

DRUG & CHEMICAL MARKETS

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Table of Contents

EDITORIALS

False Menthol Statistics	663
Exposition Plans	663
Answering Japan's Call	663
Many Men: Many Minds	664

FEATURE TRADE ARTICLE—

Beating the Fraudulent Bankrupt, An Analysis of the New York Credit Men's Association Report and Its Application to Everyday Business. By M. L. Seidman, C. P. A.	665
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TRADE NOTES—

Many Japanese Products Advance in Price on Reports of Losses by Earthquake and Fire	667
August Dye Imports Show Slight Gain	668
Chemists Discuss New Insulin Sources at Milwaukee Meeting	677
German and American Dye Interests Unite to Control World Trade	683

MARKET REPORTS—

Heavy Chemicals	678-679
Intermediates and Dyes	680-681
The Oil Market	682-683
Fine Chemicals	684-685
Crude Drugs	686-687
Essential Oils	688-689
Foreign Markets	690
Leather Chemicals	691
Paper Chemicals	692
Rubber Chemicals	693
Textile Chemicals	695

PRICES CURRENT	696
----------------------	-----

IMPORTS AT NEW YORK	719
---------------------------	-----

WANTS and OFFERS	722
------------------------	-----

BUYERS' GUIDE	725
---------------------	-----

INDEX TO ADVERTISERS	726
----------------------------	-----




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DRUG & CHEMICAL MARKETS

3 PARK PLACE, NEW YORK

VOLUME XIII, NUMBER 11

[SEPTEMBER 12, 1923]

FALSE MENTHOL STATISTICS

A Japanese paper, printed in New York, has recently aroused the ire of several big menthol importers by coming out flatfooted and stating that the mint farmer in Japan and the American consumer of menthol have been, and are being, victimized by the manipulations of these middlemen. As the complaining editorial sees it, the speculators, both here and in Japan, manipulate the market solely for their own benefit, selling at high prices to consumers and buying from the farmer and menthol producer at starvation prices. The consumer pays the bill and the middleman-speculator gets the profit. According to the laws of economics, this condition cannot last without exterminating the menthol industry, and is directly responsible for the smaller and smaller plantings of mint in Japan each year.

Not only do the speculators come in for a share of criticism, but the New York trade journals are accused of aiding this speculation by publishing erroneous crop reports. "If these journals pretend to give unbiased reports,—" according to the editorial, carries an implication that the trade press purposely publishes misleading menthol figures. This, we do not believe to be true. In no case where DRUG & CHEMICAL MARKETS has received menthol information from private sources, has it failed to state the type and location of the firm supplying the data. In no case has it or will it publish information which is known to be erroneous.

Without question, more false menthol statistics have been distributed for consumer consumption during the past five years than can be counted. Some of these figures have gotten into print. Who is to determine which reports are true and which are lies? The editors have been suspicious of so-called "menthol crop reports" upon more than one occasion, and to let the consumer know exactly whose opinion they represented, have stated the source of the figures. For not using the figures of the U. S. Consul at Kobe, the New York trade papers are also criticized, although every report ever received from this source by DRUG & CHEMICAL MARKETS, has been published.

Inasmuch as it states that many of the menthol reports, which get into circulation, are lies aimed at bullying or bearing the market, the Japanese editorial is right. When it implies that New York trade papers knowingly print erroneous reports "derived from wantonly manipulated sources," we very emphatically disagree. Who can judge an

honest or dishonest report on menthol? Who knows the true facts about any product which is gambled with from the very day the farmer places it in the ground?

THE CHEMICAL EXPOSITION

The 1923 Chemical Exposition will mark the last show of its kind until 1925, according to a recent decision of the exhibitors. Both good and bad interpretations have been placed upon this decision in the industry. Critics of the biennial show state that a plan conceived early in the war when the new American chemical industry was just laying its foundations, and which has been carried out for nine consecutive years, should not be materially changed without a protest. Those in favor of the every-other-year show, state that once a year is too frequent, not only for the planning and shipment of products to be shown, but for the interest of visitors as well. Enough time is not permitted to elapse from exposition to exposition for any sufficient number of new developments to be made. They claim that a show every two years will increase the interest, give a bigger opportunity for the showing of new developments, and bring forth the enthusiasm of both chemical and equipment manufacturers.

The chemical industry is not supporting the exposition this year to any great extent. The large proportion of exhibitors are equipment and accessory manufacturers. In fact, for the past five years, the proportion of chemical manufacturers in the show has steadily decreased. There must be a very good reason for this desertion. Inquiries among some of the producers have brought out the fact that they consider a yearly exposition too much trouble, particularly where they are many miles from New York. A biennial exposition may bring some of these former exhibitors back into the show, although the large increase in equipment and machinery has to a great extent acted as a deterring factor with a number of houses.

After the present show is over on Sept. 22, two years will elapse before another chemical exposition takes place. During that time, the chemical industry—not the equipment, machinery, and instrument people—should decide what its future course will be in regard to expositions. The idea of a big industrial exposition of American chemicals has great possibilities. Why not give the exposition idea another trial in 1925, that is, another trial as far as the chemical manufacturer is con-

cerned? Plans laid now could give to the chemical industry a real chemical exposition in 1925, the type of exposition which the industry wants and will support. Why not clean house now, get the industry lined up for 1925, and make the Tenth National Exposition of Chemical Industries a really great show? In the meantime, constructive criticism is needed. Bury the hammer, for destructive criticism does little but cause ill-feeling.

ANSWERING JAPAN'S CALL

Japan's disaster has opened the eyes of Americans to the intimate trade relations between Japan and the United States, and the immediate response to the appeal for help convinces even the man in the street that America has a bigger heart and a broader view of her responsibilities than the politicians who have persistently sought to embroil this country in diplomatic trouble with the Government of Japan, abetted and incited by certain newspapers. The entire silk industry of America was paralyzed by the news, quotations for future delivery were suspended, and spot prices immediately advanced. In the chemical and drug trade, such important products as menthol, camphor, agar agar, insect powder, and waxes became leading features in transactions between dealers, on reports of heavy losses of stocks in warehouse at Tokyo and Yokohama.

The interests of leading American petroleum companies, tea importers, cotton factors, electric corporations, bankers, importers, exporters and dealers in Far East products, and financiers who have invested in Japanese bonds and other securities, are too apparent to need further explanation, but the international relations are better understood by the public, now, and efforts of demagogues to arouse anti-Japanese sentiment will fail.

The necessity for immediate financial help becomes more and more apparent as further details of the appalling calamity are published from day to day. The rioting of hungry hordes, homeless and without means of making a living, owing to the destruction of great industries; the loss of records essential to the transaction of business in banks, commercial houses, factories, and public institutions; the loss by fire in the business and residential districts; the reconstruction of water works, lighting plants, and other public utilities; and finally rebuilding a great city call for generous contributions from the world at large. All should give freely and liberally in such a crisis, and America must take the lead.

A Briton who made a tour of the United States, recently, announced on his return home that he foresaw a slump in American trade in the near future, owing to the tariff and high wages, which he says restrict our markets, particularly the world market in which we will not be able to compete with Great Britain. He said nothing about England's declining foreign trade, the increase in unemployment, the effect of a collapse in Germany, or a war in the South of Europe which may in-

volve other countries. Some persons see only one side of the shield, like the knights of old, and it is gold or silver, according to their point of view.

The Business Conduct Committee of the New York Stock Exchange reports that its investigation of the wild fluctuations in Davison Chemical Co.'s stock, on Aug. 30, developed "no evidence that any appreciable short interest existed." Funny, how erratic some stocks are. The verdict of acquittal was unanimous, however, and the defendant cannot again be put in jeopardy. The accused just pleaded "not guilty," and did not bother to even put in a defense of temporary insanity.

Many Men: Many Minds

Recipes for success still depend on the cook—Wall Street Journal.

Gen. Henry T. Allen, commander American Army of Occupation in Rhineland after the armistice, sees the present economic convulsion in Central Europe fraught with great importance to American industry. Gen. Allen sounded a warning against any policy looking to the economic isolation of any large country, be it England, Germany or France. He has been compiling statistics and other matter bearing out his contention that the economic ills of Central Europe will become the economic ills of the whole world, and particularly of the United States.

THE ONLY LABORER WHO IS WORTHY OF HIS "HIGHER"



—Memphis Commercial Appeal.

Beating the Fraudulent Bankrupt

An Analysis of the New York Credit Men's Association Report and Its Application to Everyday Business

By M. L. SEIDMAN, C.P.A.
Seidman & Seidman, New York

IN instances where creditors have been prudent enough to have an investigation made of a bankrupt's affairs, the New York Credit Men's Association has found that many bankruptcies were either fraudulently conceived or fraudulently disposed of. Of course, not every bankruptcy is a fraudulent one. Many hard-pressed debtors seek the benefits of the bankruptcy law honestly to relieve themselves of the burden that they could not carry. However, fraudulent bankruptcy has appeared in so many cases that it has developed into a definite evil, and its elimination can be brought about only by those extending credit to the debtors. The special investigating committee of the Credit Men's Association brought out in their report that "out of a total of 1,844 involuntary petitions, 710 were filed by 15 different attorneys or firms of attorneys, and in 596 of these 710 cases, they were the attorneys for the petitioning creditors and acted as attorneys for the receiver. These same attorneys appeared for the bankrupt in at least 167 cases during the year." In other words, "Fifteen attorneys have appeared in at least 887 out of the 1,844 involuntary bankruptcies filed during 1922, or nearly 50%."

How is it that such a situation could have developed or been permitted to exist without being uprooted long before? The answer is that the creditors themselves have paved the way for it. Review the ordinary routine as it exists today, in connection with bankruptcies, from the point of view of the creditor, and the truth of this answer will be recognized. In order that favorable relations might be established, a period of credit will be granted to the customer, and that customer will be nursed along to obtain more business. Then perhaps without the knowledge of the creditors, the dealer begins getting into bad ways, and if fraudulently inclined, starts manipulating his affairs so that in the event that he becomes involved, there will still be something left for him. Finally a bankruptcy petition is arranged for. The creditor is notified of the bankruptcy, and from that very moment all relations with the former customer cease. Where the organization had before been constantly hammering away at the customer for his business, constantly calling on him and watching him, there now develops a cold, indifferent, and ultimately money-losing attitude. Instead of the notice of bankruptcy having the effect of calling the creditor's attention to the fact that then more than ever before the customer's affairs should be scrutinized in order that the creditor can be assured that he will be paid all he could properly expect, the bankruptcy notice today seems to have a contrary effect. It reacts as if it were a notice to give up; that everything is lost. As a result, he sends in a proof of debt to whomever

"Bankruptcies have increased more in the last year than almost at any other time, in spite of the fact that business conditions in general have improved. The New York Credit Men's Association discloses that there were more bankruptcy petitions filed in the Southern District of New York in 1922 than were ever filed in any other year in that district."

The chemical and drug industries have paid their share of tribute to the fraudulent bankrupt along with other big industries. Unless they lend their aid in halting the practices now in vogue, they will continue to be victimized by "framed" bankruptcies.

writes to him first, whether that be the attorney apparently for the creditors, the attorney for the bankrupt, or an outsider whom he knows nothing about.

At a meeting of the creditors an investigation is considered, but action is deferred. All agree, however, that there will be no settlement. Yet, with the passing of time, the fever cools down. A ridiculously low compromise is proposed by the bankrupt, voted upon and slipped through without any thought as to the why of the bankruptcy, the size of the bankrupt's estate, the reasonableness of the composition, or the advisability of settling at all. Many times the composition is brought about by those representatives of the credi-

tors whose very compensation depends upon some sort of settlement being effected. A check for one, two, ten or fifteen per cent of the claim is forwarded to the manufacturer, who swallows his loss, railing against the customer, and apparently not realizing that he has only himself to blame for it all.

Under such circumstances, what better developments can be expected than those that have actually occurred? The dishonest dealer, realizing that this is the state of affairs, soon begins to look forward to bankruptcy as a means of making money out of a business where losses resulted in it. An incentive is placed on bankruptcies and they are heralded rather than feared by the bankrupt.

Of course there is a way out, as has been shown by progressive organizations in some of the recent bankruptcies of their customers. Investigations were caused to be made, and as a result, the bankrupt was not only beaten at his own game, but the creditors' claims were either paid in full or paid to the extent of all the assets the bankrupt owned, and not merely those that were listed in his schedules. For it has been invariably proved that after a complete investigation where items are disclosed that are not just right, somehow the bankrupt manages to raise funds to pay the creditors practically in full, whereas before the investigation, he declared that he was penniless. The matters unearthed in some cases were so grossly fraudulent that it would support criminal prosecution, in others, hidden assets were discovered; secreted merchandise recovered; payment of fictitious liabilities laid bare, and disclosures made of many other fraudulent practices.

Investigation has also revealed that a favorite method in connection with the prospective bankruptcy is the non-reporting of sales. Sales are made and instead of recording the sales slips, the cash is pocketed by the proprietor or stockholder. If prior to the bankruptcy the business needed the money in order to be able to prolong this abstraction process, the individual or stockholder puts the money back into the business and cred-

its his own account with the deposit, making it appear as a liability to him. Subsequently funds would be withdrawn as available, in payment of this liability. Usually these deposits were secured by collateral, so that in case for some reason the money was not withdrawn, these individuals would have their claim secured when the bankruptcy took place.

Credit Men Suggest Solution

What, then, is the solution? To begin with, creditors ought to insist that one of their number, or one engaged in their business, be appointed the receiver. As the New York Credit Men's report puts it: "This association would not venture to pass on the necessity of one lawyer engaging another to advise him, but if one lawyer is in any event essential to every receivership, one business man as receiver might be equally beneficial thereto. It may be interesting to know that in 867 cases investigated, thirteen attorneys were appointed receivers 214 times, and that four women were appointed receivers in 76 of these cases."

Furthermore, creditors should not turn over their proofs of debts and powers of attorney to anyone else but those who have the creditors' interest at heart, preferably to a sectional committee composed of members of their own industry, selected perhaps from the local trade associations. Before making any disposition of the estate whatsoever, the creditors should insist upon an investigation. The creditors should also see to it that the attorney for the creditors is truly such, and one whose integrity is beyond reproach. And lastly, the creditors should firmly resolve that there will be no compromise unless they are satisfied first that the bankrupt has acted in good faith, and second that the compromise is a reasonable one. It should be established as an accepted procedure that liquidation coupled with criminal prosecution will be followed where the bankruptcy is "off color"—and this irrespective of the assets available in the estate. Once the debtor becomes aware of the fact that this would be the outcome if he did anything wrong, there is no doubt but that the number of bankruptcies, especially the fraudulent bankruptcies, would be minimized.

J. AMORY HASKELL DEAD

J. Amory Haskell, vice president E. I. duPont de Nemours & Co., and also of General Motors Corp., died on Saturday at his country home near Red Bank, N. J. His New York home was at 130 E. 65th st. Mr. Haskell was with A. & L. Neilson of this city from 1879 to 1883 and then spent several years with Rochester and Pittsburgh Coal and Iron Co., advancing to general manager and treasurer. In 1892 he was made president of Repauno Chemical Co., Wilmington, Del., holding the post for thirty years, during nearly this entire period serving as president of the Laffin & Rand Powder Co.

Dr. H. Foster Bain has submitted a report on the nitrate situation to Dr. Harry Curtis, director of the Bureau of Mines, with special reference to the Chilean Nitrate Producers' Association, which Dr. Bain says is a co-operative selling agency and not a trust. He says the officinas in Chile are operating at about 60 per cent of capacity. The price of nitrate, he says, is fixed in Chile and not in London.

John A. Chew, Warner Chemical Co., New York, has returned to his desk following a two weeks vacation in the Shenandoah Valley.

Southern Fertilizer Association will meet at Atlanta, Ga., Oct. 16 and 17.

RHINE COMMANDER WILL SPEAK AT THE SALESMEN'S BANQUET

Gen. Allen and Dr. Edgar F. Smith Will be Heard at the Dinner to the Chemical Industry During Exposition Week.—Unique Table Decorations Planned—Reservations Flooding Committee

No man can tell a more interesting and instructive story to the American chemical industry than Major General Henry T. Allen, who was commander of the American Army of Occupation on the Rhine and who prior to the Armistice, as commander of the 8th U. S.



MAJ.-GEN. HENRY T. ALLEN

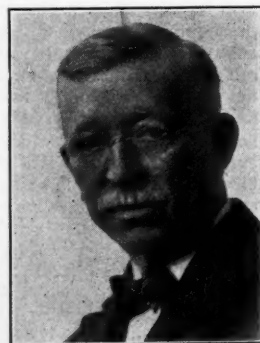
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Army Corps took active part in the St. Mihiel and Meuse-Argonne offensives. At the Third Annual Banquet, which the Salesmen's Association will give to the chemical industry, on Thursday Sept. 20, at the Hotel Commodore, New York, Gen. Allen speaks on the use of the modern chemical weapons of war and his experiences with the German chemical plants in the Rhineland district. Gen. Allen is an Army officer of the Old School, who served in the Santiago Campaign, was organizer of the famous Philippine Constabulary and is a forceful personality and a fine speaker.

One of American chemistry's outstanding figures is the other speaker at the Salesmen's dinner. Dr. Edgar Fahs Smith, for many years executive head of the University of Pennsylvania and one of the most distinguished teachers of chemistry, will emphasize the practical value of proper chemical training to all branches of the industry. This subject is of keen interest to the Salesmen, who conducted elementary chemistry courses last winter in New York and Philadelphia.

Invitations were sent out to the dinner the first of this week, and already reservations are flooding in upon the committee, and the Allen-Smith dinner bids fair to outdo the famous Hoover-Sisson dinner last year.

The Committee are arranging to put attractive signs with company trademarks or club insignia over tables reserved by a single organization. Such tables seat eight or ten, and are not being engaged, except upon receipt of checks for that number. Tables have already been allotted to duPont, Dow, Calco, Mathieson, Noil, the N. J. Chemical Society, and the Chemists Club. Parties desiring to get up tables will send their reservations promptly to A. J. Binder, care Sherwin-Williams Co., 115 Broadway, New York. Tickets are, as last year, \$7 each.



DR. EDGAR F. SMITH

Many Japanese Products Are Higher

Speculators in New York, London, and Other Centers Take Advantage of Temporary Scarcity of Menthol, Mint Oil and Camphor, and Boost Prices—Other Products Advance in Price in Sympathy With General Upward Movement—British Chemical and Drug Importers Cause Some Excitement in Efforts to Obtain Supplies—How the Disaster Has Affected the Silk Industry—Opinion of Leading American Importers

(Special Cable to DRUG & CHEMICAL MARKETS)

London, Sept. 12—All Japanese products are higher in the London market, and trading has been conducted amid considerable excitement. Menthol advanced to 90 shillings on early reports of destruction of warehouses where Japanese stocks were stored. Japanese mint oil rose to 12 shillings. Japanese camphor in slabs was quoted at 4 shillings 6 pence soon after the news of the disaster was received here. Agar agar is firm and unchanged.

"Menthol is in a purely nominal state. There are no sellers and the conditions in Japan in their relation to this article may be very serious, as it has been generally supposed for some time that the large surplus stocks being carried have been stored at Yokohama, and in view of the extent of damage to that city, when definite news is received, it may show these stocks to be wiped out. London reports considerable excitement there and the price in that market has been driven up to a basis of \$15.50. Jobbing orders, which are the only ones that can be placed at present are being filled at \$17.00@ \$17.25." This statement on the menthol situation was made by Charles L. Huisking, Inc., New York drug brokers, in their market report, last week. A later report stated, "Only one seller, \$17.00@ \$17.25. It seems advisable to buy from hand-to-mouth until the situation becomes somewhat clearer."

No shortage of Japanese insect flowers will result from the catastrophe in Tokyo and Yokohama, according to a statement by John Powell, of John Powell & Co., New York. No stocks of flowers of any consequence were held in Yokohama. Most of the goods awaiting export are in Kobe and were untouched. Any advances in price for the flowers, and there have been some thus far, are due more to hysteria and the psychological effects of the disaster rather than to any actual loss of stocks. Powder prices here have not risen although some heavy buying has been induced during the week. Most of the new crop flowers are picked. The disaster in Japan has had no effect on the situation in Dalmatia, according to Mr. Powell. Private advices to his company state that the Dalmatian crop this year is of good quality and in very fair quantity.

Camphor—There seems to be little reason for alarm and cautious policy in buying is advisable, according to Chas. L. Huisking, brokers, New York.

George Uhe, essential oil broker, New York, said: "We do not expect the menthol market to maintain the present levels of \$17.00@ \$18.00 per pound. Consumers need not be told of the advisability of staying away from an article that is so highly speculative. We expect a revision downward, as any information that has come out of Japan is more or less approximate, and no one knows to what extent the stocks in Yokohama, have suffered. Consumers will find it to their advantage to wait. The new crop has not been destroyed, and we believe that a hand-to-mouth policy will be to their benefit. The camphor market has advanced only

slightly, and while sales were made as high as 93c per pound, the close on quantities ranged from 90c@91c per pound. We do not anticipate any developments in this article, although the prospects, due to the consuming season, are for a fairly firm market."

G. R. Parkar, Frazar & Co., importers of chemicals, said: "Leighton H. Peebles, who was in Yokohama at the time of the earthquake, is safe and is now on his way to Seattle on board the U. S. steamer 'Jefferson,' which is due on the Pacific coast about Sept. 16. Our Yokohama office is reported destroyed. Latest reports state that the Tokyo office is intact. Japanese headquarters will be transferred to the Osaka office. Everett W. Frazar, head of the Frazar interests, is leaving immediately for Japan. J. H. Watson of the Yokohama office is believed to have lost his life."

G. A. Wharry, of E. R. Smead & Co., has been appointed chairman of the Japanese Relief Campaign to canvass for contributions in the oil and paint trade.

Gilbert Colgate, of Colgate & Co., New York, has been appointed chairman of the Japanese Relief Campaign to canvass for contributions among the toilet article manufacturers.

Insect flowers were offered for November shipment at 50c lb. c.i.f. New York, subject to confirmation, according to a recent cable.

HOW DISASTER AFFECTS SILK

Importers believe that the destruction of silk stocks in Japan, which will probably total about 50,000 bales, approximately two months' consumption for the United States, will put prices up to the high level of last spring when normal trading is resumed. No serious shortage is expected. Only about 10 per cent of the filatures are in the districts known to be destroyed and buildings and machinery are of a type not easily damaged. They can be readily repaired. It is not unlikely that small shipments of silk will be coming out of Kobe within the next ten days, but large supplies from the interior may be greatly delayed.

Kobe may become the chief port of shipment for silk, being considerably nearer important sources of supply than Yokohama. The spot silk situation will be helped by fact that the Empress of Australia, now lying in Yokohama harbor with a broken propeller, took on 2,000 bales of silk just before the disaster and this cargo is safe, although its arrival may be delayed.

Yokohama exported to the United States an average of \$1,000,000 worth of silk for every working day in the year, and was practically the only silk exporting port in Japan. During the year ended June 30, the close of the last silk season, exports of raw silk totaled \$317,537,000. The United States imported last year \$365,787,000 raw silk, more than the value of any other two commodities imported.

Salesmen's Association speakers at the annual Chemical Industry Banquet to be held at the Hotel Commodore, New York, Sept. 20, during the week of the Chemical Exposition, will have their addresses broadcasted by radio from station WJZ. Gen. Henry Allen and Dr. Edward F. Smith are the speakers.

Directors of Mathieson Alkali Works were re-elected at the annual meeting of the company held at Saltville, Va., in Sept. 7.

C. Wilbur Miller, president Davison Chemical Co., sailed for Europe, on Saturday, on the Olympic.

August Dye Imports Show Slight Gain

Coal-Tar Colors Total 178,164 Pounds, Valued at \$194,164—Photographic Developers 17,226 Pounds, Value \$24,404—Synthetic Aromatic Chemicals 5,180 Pounds, Value \$11,402—Color Lakes 4,057 Pounds, Value \$2,881—Indanthrene Blue 3G Leads in Quantity

Imports in August totaled 178,164 pounds, with an invoice value of \$194,164. The following table shows the monthly imports through the Port of New York for the year 1923, as prepared by the Commerce Department and Tariff Commission:

Month	Pounds	Value	Month	Pounds	Value
January	179,300	\$185,344	May	261,369	\$292,340
February	191,709	\$199,690	June	247,174	\$257,803
March	312,808	\$301,436	July	144,687	\$142,428
April	242,022	\$256,751	August	178,164	\$194,164

1. The six leading German Companies

A....Actien-Gesellschaft für Anilin-Fabrikation, Berlin. Founded 1873. Branches in France and Russia.

B....Badische Anilin- und Soda-Fabrik, Ludwigshafen on the Rhine. Founded 1862. Branches in France and Russia.

By....Farbenfabriken vorm. Friedr. Beyer & Co., Leverkusen on the Rhine. Founded 1862. Branches in France and Russia.

C....Leopold Cassella & Co., Frankfurt on the Main. Founded 1870. Branches in France and Russia.

K....Kalle & Co., A. G., Biebrich on the Rhine. Founded 1870. Branches in France and Russia.

M....Farbwerke vorm. Meister Lucius & Bruning, Hoechst on the Main. Founded 1862. Branches in France and Russia.

2. The seven smaller German Companies

BK....Leipziger Anilinfabrik Beyer & Kegel, Fürstenberg near Leipzig. Founded 1882.

GG....Chemikalienwerk Griesheim G.m.b.H., Griesheim on the Main. Founded 1881.

CJ....Carl Jäger G.m.b.H., Anilin- und Farbstoff-Fabrik, Düsseldorf. Founded 1883.

GrE....Chemische Fabrik Griesheim-Electron, Offenbach on the Main. Founded 1842.

L....Farbwerk Mulheim vorm. A. Leonhardt & Co., Mulheim on the Main. Founded 1879. Branch in France.

tM....Chemische Fabriken vorm. Weiler ter Meer, Uerdingen on the Rhine. Founded 1877.

WD....Wulffing, Dahl & Co., A. G. Barmen. Founded 1842.

3. Dutch, Belgian and French Companies

FA....Farbwerk Amersfoort, Amersfoort, Netherlands. Founded 1888.

NF....Niederlandische Farbe- und Chemikalienfabrik, Delft. Netherlands (Delft). Founded 1897. Branch in Russia.

LG....Lazard Godchaux, of Brussels. (These products are probably compounded largely from the dyes made by A. Wiescher & Co., of Haeren, Belgium.)

P....Societe Anonyme des Matieres colorantes et produits chimiques St. Denis (formerly A. Poirrier), St. Denis, near Paris, France. Founded 1880.

4. Swiss Companies, all at Basel

DH....Farbwerke vorm. L. Durand, Huguenin & Co. Founded 1871. Branches in Germany and France.

G....Anilin- und Extract-Fabriken vorm. Joh. Rud. Geigy. Founded 1764. Branches in France, Germany, and Russia.

I....Gesellschaft für chemische Industrie. Founded 1883. Branch in France.

S....Chemische Fabrik vorm. Sandoz & Co. Founded 1887.

5. English Companies

ClCo....The Clayton Aniline Co. (Ltd.), Clayton, near Manchester. Founded 1876.

CR....Claus & Co. (formerly Claus & Ree), Clayton, near Manchester. Founded 1890.

CV....Colne Vale Chemical Co., Milnsbridge, near Huddersfield.

RHS....Read Holliday & Sons (Ltd.), Huddersfield. Founded 1880. (Purchases by British Dyes (Ltd.).)

BD....British Dyes (Ltd.). Founded 1915.

Lev....Levinstein (Ltd.) Crumpsall Vale, near Manchester. Founded 1864.

Q....Importations of unknown source through dealers in colors.

The list of dyes follows:

Schultz No.	Dye & Maker	Quantity Pounds
121	Erica B	100
	Erica B extra-A	
140	Curcumeine	4,178
	Jasmine high conc. 729—nc-G	
207	Diphenyl fast brown	1,984
	Diphenyl fast brown GNC—nc-G	
220	Palatine black	2,000
	Wool black GRF—c-A	
265	Sulphon cyanine black	4,409
	Acid milling black B—nc-G	
274	Diaminogene	2,156
	Diaminogene extra—nc-C	
283	Bismarck brown	500
	Bismarck brown-Q	
308	Diazo black	40
	Diazo black OT—nc-By	
319	Diamine scarlet	1,030
	Diamine scarlet 3B—nc-C	
	Chloramine red 2B—c-S	
424	Chicago blue 6B	2,107
	Chloramine sky blue FF conc.—c-S	
449	Trisulphon brown	4,409
	Trisulphon brown B conc—nc-S	
500	Setocyanine	1,597
	Setopalline conc. 707—nc-G	
503	Nephtine green	2,605
	Erioviridine B supra—c-G	
	Guinea fast green B—nc-A	
506	Erioglaucine	5,591
	Erioglaucine AP 545—nc-G	
515	Methyl violet	200
	Methyl violet NFB—B	
516	Crystal violet	2,000
	Crystal violet extra pdr—B	
	Violet crystals O—M	
524	Acid magenta	500
	Acid magenta—C	
543	Patent blue	110
	Patent blue V—c-A	
545	Patent blue A	330
	Patent blue A—c-A	
546	Cyanol	530
	Cyanol extra—nc-C	
	Cyanol FF—nc-C	
	Blue FF—nc-C	
565	Acid blue B	300
	Wool blue 5B—nc-A	
571	Rhodamine 6G	8,386
	Rhodamine 6G extra—nc-B	
	Rhodamine 6GD extra—nc-M	
	Rhodamine 6GDN extra—nc-B	
	Rhodamine 6GDN extra conc—nc-M	
573	Rhodamine B	1,897
	Rhodamine B extra—c-B	
	Rhodamine B extra—c-Q	
	Rhodamine B extra base—c-B	
606	Phosphine	440
	Phosphine G—c-By	
	Leather phosphine G—nc-G	
	Leather phosphine 2G—nc-G	
608	Euchrysine	250
	Euchrysine GRNTN—c-B	
612	Quinoline yellow (spirit soluble)	100
	Quinoline yellow (spirit soluble)—nc-S	
613	Quinoline yellow (water soluble)	2,000
	Quinoline yellow (water soluble)—c-S	
618	Thioflavine T	530
	Methylene yellow H—nc-M	
	Basic yellow T—nc-C	

The five dyes leading in quantity imported were Indanthrene blue 3G; Gallamine blue, Indanthrene green B; Alizarin synthetic; and Rhodamine 6G. Of the total quantity imported in August, 1923, 52 per cent came from Germany, 35 per cent from Switzerland, 11 per cent from Italy, and 2 per cent from other countries.

The imports of color lakes for August totaled 4,057 pounds with an invoice value of \$2,881. The imports of synthetic aromatic chemicals for August totaled 5,180 pounds with an invoice value of \$11,402, and the imports of medicinals, photographic developers and other coal-tar chemicals totaled 17,226 pounds with an invoice value of \$24,404.

The key to abbreviations follows:

Schultz No.	Dye & Maker	Quantity Pounds
635	Modern violet	440
	Modern violet—nc-DH	
637	Gallamine blue paste	11,100
	Gallamine blue extra paste—nc-G	
653	Nile blue	400
	Danubia (Nile) blue BX—B	
568	New methylene blue	1,000
	New methylene blue N—nc-C	
672	Azocarmine	1,400
	Azocarmine GN—B	
678	Safranine	110
	Safranine superfine yellowish—c-G	
699	Induline (water soluble)	50
	Induline NN—B	
700	Nigrosine (water soluble)	1,264
	Nigrosine-Q	
	Nigrosine T—B	
759	Anthraflavone	392
	Anthraflavone GC paste—Q	
760	Indanthrene golden orange G (single strength)	2,829
	Indanthrene golden orange G paste—nc-B	
	Indanthrene golden orange G powder—nc-B	
761	Indanthrene golden orange R (single strength)	205
	Indanthrene golden orange RRT pdr.—nc-B	
	Indanthrene golden orange RRTS pdr.—nc-B	
	Indanthrene golden orange 3R paste—nc-B	
762	Indanthrene scarlet GS (single strength)	208
	Indanthrene scarlet GS pdr.—nc-B	
765	Indanthrene green B (single strength)	10,500
	Indanthrene green BB dbl. paste—c-B	
	Indanthrene blue green B dbl. paste—nc-B	
767	Indanthrene violet RR (single strength)	800
	Indanthrene violet RR pdr.—c-B	
778	Alizarin synthetic	8,820
	Alizarin VI extra pure B—c-B	
780	Alizarin red	4,190
	Alizarin red S pdr.—nc-B	
	Alizarin red W pdr.—nc-By	
	Alizarin red S pdr.—nc-Q	
816	Algol red 5G (single strength)	472
	Algol red 5G pdr.—nc-By	
820	Algol brilliant violet R (single strength)	1,984
	Algol brilliant violet R pdr.—nc-By	
822	Algol brilliant orange FR (single strength)	1,027
	Algol brilliant orange FR paste—nc-By	
827	Indanthrene claret B extra (single strength)	1,400
	Antra bordeaux R pdr.—nc-B	
	Antra bordeaux R paste—nc-B	
828	Indanthrene claret B (single strength)	3,520
	Indanthrene claret B pdr.—nc-B	
832	Indanthrene violet RN (single strength)	4,547
	Indanthrene violet BN extra paste—nc-B	
	Indanthrene violet BN paste—nc-B	
	Indanthrene violet BN paste, fine—nc-B	
	Indanthrene violet BN pdr.—nc-B	
834	Algol gray (single strength)	386
	Algol gray 2B paste—By	

(Continued on Page 721)

QUOTATIONS ON CHEMICAL STOCKS Closing Prices for Week Ending Sept. 8

Bid	Asked	Bid	Asked
Air Reduction	65 1/4	Heyden Chem.	1 1/4
*Allied Chem. & D. 67 1/4	68	Hooker Electro	55
*Allied Ch. & D., pf. 108	108 1/4	Hooker Electro, pf. 60	70
*Am. Ag. Ch.	16	*Household Products 3 1/4	3 1/4
*Am. Ag. Ch., pf.	40 1/4	*Int. Agricult.	4
*Am. Chicle	10 1/4	*Int. Agricult., pf. 10	12
*Am. Chicle, pf.	40	*Int. Nickel	12 1/4
*Am. Cot. Oil.	7	*Int. Nickel, pf.	78
*Am. Cot. Oil, pf.	20	*Int. Salt	78 1/4
*Am. Cyan.	63	*Mathieson Alk.	43 1/4
*Am. Cyan, pf.	73	Merck & Co., pf.	75
*Am. Druggist S.	4 1/4	Merrimac	96
*Am. Glue	82	Mulford Co.	29
*Am. Glue, pf.	124	Mutual Co.	150
*Am. Linseed	20 1/4	*National Lead	127
*Am. Linseed, pf.	40 1/4	*National Lead, pf. 11 1/4	113
*Am. Malt	12	N. J. Zinc	152
*Am. Zinc	9	Niag. A., pf.	96
*Am. Zinc, pf.	33	Parke, Davis & Co. 80 1/4	..
*Atlas Powder	53 1/4	Penn. Salt	80
*Atlas Powd., pf.	84 1/4	*People's Gas, Chi. 92 1/4	92
By. Prod. Co.	67	Procter & Gamble. 124	123
Carborundum, pf.	135 1/4	Procter & Gam., pf. 102	106
Casein Co.	60	Royal Bak. Po.	122
Celluloid Co.	85	Royal Bak Po., pf. 98	100
Celluloid Co., pf.	105	Sherwin-Williams ..	29 1/4
Ches. Mfg.	225	Sherwin-W., pf.	100 1/4
Ches. Mfg., pf.	112	Stand. Ch.	90
Com'l Solv. A.	31	Swan & Finch	26
Do B.	21	*Tenn. C. & Chem. 9 1/4	9 1/4
*Corn Products	123 1/4	*Tex. Gulf, Sul.	57 1/4
*Corn Products, pf. 117	120	Union Carbide	56 1/4
*Davison Chem.	47	Union Sulphur	80
Dow Chem., non par. 40 1/4	..	Un. Drug	70
Dow Ch., pf.	96	*Un. Drug, 1st pf. 46 1/4	47 1/4
Du Pont de Nem.	138 1/4	*Un. Dyewood	40
Du P't de Nem. Db. 85 1/4	87 1/4	*Un. Dyewood, pf.	95
Eastman Kodak	104	Un. Gas Imp.	53
Eastman Kodak, pf. 106 1/4	109 1/4	Un. Gas Imp., pf. 55	56 1/4
*Freeport Tex., Sul. 13 1/4	14	U. S. Gypsum	74 1/4
Freep. Tex. Sul., pf. 91	93	*U. S. Indus. Al.	54 1/4
*Grasselli	125	*U. S. Indus. Al., pf. 96	100
*Grasselli, pf.	102	*Va.-Car. Ch.	11 1/4
Hercules Powder	104	*Va.-Car. Ch., pf. 31	32 1/4
Hercules Powd., pf. 103	107	*V. Vivandou	18 1/4

*Listed on New York Stock Exchange

New Incorporations

Chemical Industry

Crystal Salt Co., Houston, Texas, \$150,000.
California Clay Products Association, Los Angeles, Cal., \$1,000,000.
Pringle-Gay Naval Stores Co., Tampa, Fla., \$100,000.
Eysmann Products Corp., 665 Newark ave., Jersey City, \$125,000.
Manufacture nitro cellulose products.
Tin-A Laboratories, 800 Broad st., Newark, \$50,000. Chemicals.
Hess-Ives Corp., Wilmington, Del., \$1,250,000. To exploit optical, chemical, and scientific processes and inventions.
Gibraltar Lubricating Co., Wilmington, Del., \$100,000. Sale of lubricating oils and greases.
Acme Carbon Mfg. Corp., Dover, Del., \$750,000. L. N. Larche, W. E. Allen, H. B. Montgomery, Monroe, La. Corporation Service Co.
Primos Chemical Products Co., Dover, Del., \$100,000. Charles L. Hutchins. Primos, Pa.; John C. Gabel, Ross B. Linton, Philadelphia. U. S. Corporation Co.

Consuming Industries

Seneca Knitting Mills, Seneca Falls, \$125,000. J. C. and F. W. Smith, and O. H. Davis. Attorney, McD. Smith.
Allen Manufacturing Co., Wilmington, Del., \$100,000. Manufacture soap and soap powders. Clarence M. Allen, New York.
Excelsior Pharmaceutical Co., 114 South Broadway, Baltimore, \$100,000. Dr. John J. Valentini, Dr. Joseph L. Valentini, and Robert R. Goore.
Paper Products Co., 105 West Monroe st., Chicago, \$40,000. Thomas Munroe, Elma Dehne, and Arthur A. Aggerbeck.
Tri-Solvent Co., Perth Amboy, N. J., \$25,000. Cleansing powders and water softeners. Gardner Stewart, John Ingle, and John W. Collopy.
Sterling Products Co., Dover, Del., \$250,000. Capital Trust Co.
Iodine Products Corp., Dover, Del. Make ointment. United States Corp. Co.
Harrower Laboratories, Dover, Del., \$25,000. Make patent medicines. T. L. Croteau.
Meeley Tire & Rubber Co., Camden, N. J., \$1,000,000. F. R. Hansell, E. H. Loman, and J. A. MacPeak. Office, 417 Market st.
Mol-Aer-Vin Tire Co., Wilmington, Del., \$10,000 shares without par value. C. B. Outten, S. L. Mackey, and L. C. Christy. Corporation Service Co.
Mutual Batteries Utilities Co., Wilmington, Del., \$1,750,000. D. Grill, H. C. Barney, L. Goodman, W. C. King, and G. L. H. Schroeder. Registrar and Transfer Co., 100 West 10th st.

PUBLIC BUYING JUMPED DAVISON STOCK

Stock Exchange Finds No One Is to Blame For Wild Speculation On Aug. 30

Silica gel went up the hill;
The bulls just roared with laughter.
But gel came down,
And broke the town—
I wonder who they were after?

—Jason in "Wall Street Journal."

The Business Conduct Committee of the New York Stock Exchange, which investigated the wild fluctuations in Davison Chemical Co. stock, on Aug. 30, reports that "the enormous speculation" in the stock, which brought about an advance from \$52 a share to \$72 and a drop back to \$50 a share, all within an hour, was "in no way due to manipulation." The statement added that "there was no evidence to be found that any appreciable short interest existed."

The committee found that orders in lots of 100 shares and multiples thereof were executed on that day for 538 individuals, firms and corporations, the orders emanating from 48 cities located throughout the United States and Canada, and in each of these cities from one to 23 persons made purchases or sales.

Number of buyers of full lots during the day totaled 413 and the selling which took place was for the account of 377 persons. In addition, dealings in odd lots, that is, in lots of less than 100 shares, amounted to approximately 32,000 shares and the number of persons who traded in odd lots exceeded those whose transactions were in full lots.

A new company is being formed to handle silica-gel, and will market toilet articles, beginning with powder, and stockholders of the Davison Company will be given prior privilege of subscribing to the stock. The company is to have capital stock of 50,000 shares of 7 per cent cumulative preferred stock of the par value of \$10 each and 100,000 shares of common stock of no par value. In exchange for its contract to furnish silica-gel and its license to the Silica-Gel Products Corp. to use the material in the manufacture of toilet powder and for other purposes the Silica-Gel Corp. will receive 50,500 shares of the common stock of the Silica-Gel Products Corp., giving it control.

IMPROVEMENT IN ALCOHOL TRADE

Rumors to the effect that U. S. Industrial Alcohol Co. common stock will shortly be put on \$6 annual dividend basis are unfounded in the opinion of company officials, says the "Wall Street Journal." While earnings this year justify dividend action the directors are inclined to pursue a conservative policy with the purpose of placing finances of the company in a strong position, so that when dividends are resumed they will be permanent. Alcohol's financial structure has been gradually improved since the depression which followed the war. Earnings in 1922 were equivalent to \$3.68 a share on \$24,000,000 common stock, against a deficit of \$2,320,609 in 1921. Earnings this year show vast improvement over 1922.

Although business in summer months usually shows a falling off, results from operations in July and August this year were satisfactory. Orders on hand for fall delivery greatly surpass expectations. During the latter part of the year alcohol sales in bulk for anti-freezing purposes are heaviest and this year are expected to show material improvement due to greatly increased number of motor cars in operation. Extensive improvements are under way in plants engaged in the manufacture of industrial alcohol and also in the chemical branch.

The Heavy Chemical Market

Current Spot Quotations of Heavy Chemicals, page 696

MAKERS HIGHER ON BARIUM CARBONATE

Imported Material Also Scarce and High—Caustic Potash Firmer—Imported Sodium Chlorate Firmer—Potassium Bicarbonate Higher—White Arsenic Stronger—Sodium Sulfide Weak

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Arsenic, $\frac{1}{2}$ lb.	Ammonium Chloride, $\frac{1}{4}$ lb.
Barium Carbonate, \$3 ton	Potassium Bicarbonate, $\frac{1}{2}$ lb.
	Sodium Chlorate, Imp., $\frac{1}{4}$ lb.
Declined	
Sodium Prussiate, $\frac{1}{4}$ lb.	Potassium Prussiate, yel., 1c lb.
	Copper Carbonate, $\frac{1}{4}$ lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetic Acid, Glacial...lb.	\$1.24	\$1.24	\$1.24	\$1.12	\$1.19	\$0.97
Sulfuric Acid, 66 deg. ton	15.00	15.00	15.00	14.00	\$5.00	20.00
Ammonium Sulfate, 100 lbs.	3.00	3.00	3.15	3.50	7.60	1.50
Bleaching Powder, 100 lbs.	1.75	1.75	1.75	1.75	9.50	1.50
Copper Sulfate, 100 lbs.	5.00	5.00	5.25	5.90	20.00	4.50
Potash Caustic, 100 lbs.	.07 $\frac{1}{4}$	.07 $\frac{1}{4}$	.07 $\frac{1}{4}$	.06 $\frac{1}{4}$	.87	.08
Soda Ash, 58 p.c. 100 lbs.	2.00	2.00	2.00	2.00	3.60	.60
Caustic Soda, 76 p.c. 100 lbs.	3.70	3.70	3.70	3.70	9.50	1.42
Potassium Bichromate, 1 lb.	.10	.10	.10	.10	.65	.06
Sodium Prussiate, 1 lb.	.14	.14	.13	.16	1.25	.18
Average	3.091	3.091	3.129	3.096	10.79	2.99

A better feeling prevails in the trade, though buying is still restricted to immediate wants and inclined to be spotty. Buying has improved over the summer months but many of the consuming industries have just begun to see a little encouragement and are proceeding cautiously in the matter of taking on stocks. Prices have apparently reached low levels and many are stationary while others have already begun to move upwards. The heavy acids and alkalis have been in good demand and producers report a bright outlook for Fall. Bleaching powder is selling at low levels but with the arrival of cooler weather demand is expected to increase steadily. Prices for the last quarter are still unsettled. Demand for bichromates has been improving slowly. Prussiates are quiet, but factors look for steady improvement during the next few months. Chlorates have a firmer tone. Barium carbonate has been advanced by makers who say they have little to offer except for future delivery. Imported material is high and very little is available. Imported caustic potash is stronger. Arsenic has developed a stronger tone. Potassium bicarbonate is higher. Sodium sulfide continues weak.

Acid, Acetic—Demand continues along moderate lines and prices are holding steady at recent levels. Makers quote 28% at \$3.38@3.63 as to quantity in barrels; 56%, \$6.75@7.00; 70%, \$8.38@8.63; Glacial, \$12.78@13.53.

Acid, Muratic—Stocks are in good supply and demand is showing some improvement. Prices are unchanged with 20° in tanks at \$1.00@1.10 and in carboys \$1.25@1.50; 22° in carboys at \$1.75@2.00.

Acid, Oxalic—Demand is inactive and prices inclined to be easy. Makers quote 12clb. at works. Imported held at 12c@12 $\frac{1}{4}$ clb. spot.

Acid, Sulfuric—Consumption has been good, especially for oil refining, while other industries are taking fair quantities. Makers continue to quote tanks of 66° at \$15.00@16.00 per ton at works; carlots at \$1.25@1.50;

60° acid is easy at \$9.00@10.00 ton in tanks. Oleum is holding steady under limited supplies at \$18.00@19.00 ton.

Alums—Makers unchanged in price on routine demand. Ammonia lump at \$3.50@3.65; ground, \$3.50@4.00; powdered, \$3.90@4.00. Potash lump at \$4.25@4.50 works. Imported at \$3.00@3.25. Soda, \$3.50@4.00.

Ammonium Chloride—Most of the cheap material has been taken up and the market is firmer at 6c@6 $\frac{1}{4}$ clb. for imported white. Gray is 7c@8clb. Domestic white at 7 $\frac{1}{4}$ c@8clb. and gray, 8c@8 $\frac{1}{2}$ clb. Lump, 13c@14clb.

Ammonium Sulfate—Demand has been slow and prices have been inclined to be easy. Bulk at works named at \$3.00@3.10 and f.a.s. at \$3.35@3.40.

Arsenic—Export demand has kept some material moving. Domestic buying is quiet. A firmer tone has developed and inside prices appear to be 10 $\frac{1}{4}$ c@10 $\frac{1}{2}$ clb. on spot. Calcium arsenate has quieted down with the consuming season over. Surplus stocks are offered at a range according to seller from 12c@13clb.

Barium Products—Makers are well sold up on carbonate and are quoting higher prices at \$68.00@70.00 ton at works. Very little imported is available and prices named at \$77.00@78.00 ton. Chloride is firm at \$80.00@82.50 for imported and \$88.00 ton at works. Hydrate, 5c@6clb. Nitrate, 7 $\frac{1}{2}$ c@8clb.

Bleaching Powder—Supplies are offered at \$1.50@1.75 according to seller. Improved demand is expected during the last quarter and prices are expected to stiffen. Contract prices for the third quarter are unsettled owing to present conditions in the market.

Copper Sulfate—Demand is not pressing and supplies are abundant. Prices range from 5c@5 $\frac{1}{2}$ clb. for domestic according to seller and quantity. Imported held at 4 $\frac{1}{2}$ c@5clb.

Potash, Caustic—Offerings from Germany are not plentiful and prices have firmed up with quotations at 7 $\frac{1}{4}$ @7 $\frac{1}{2}$ clb. on spot. Domestic material is held at 9c@9 $\frac{1}{2}$ clb.

Potassium Bicarbonate—Supplies have become scarce and prices have advanced to 10clb. for imported goods. Demand has been fairly active.

Potassium Bichromate—Prices are generally named at 10clb. though a few sellers will accept business at 9 $\frac{1}{2}$ clb. and on firm business 9 $\frac{3}{4}$ clb. is reported possible. Demand is described as showing improvement.

Potassium Prussiate—The yellow is inclined to be easy with sellers willing to shade 25clb. for shipment. Spot prices range from 30c@32clb. according to seller.

Potassium Chlorate—The market has a firm tone with imported powdered at 7c@7 $\frac{1}{4}$ clb. Domestic named at 8 $\frac{1}{2}$ clb. Crystals are quiet.

Soda Ash—Makers report a steady volume of business which is expected to increase steadily during the next few months. Prices are steady with makers quoting contracts at \$1.45@1.50 for 58% in bags at works. Dealers quote \$2.00 in bags and \$2.25 in barrels, ex-warehouse.

Soda, Caustic—Domestic consumption continues steady and showing signs of improvement. Makers continue to quote contracts at \$3.16 $\frac{1}{2}$ for 76% solid in drums at works. Less than carlots quoted by makers

and dealers at \$3.70, ex-warehouse. Export demand is quiet with prices holding at \$3.15@3.25.

Sodium Bichromate—Makers are taking on business at 7¼¢@8¢lb. according to quantity. Buying interest has improved and the outlook for the Fall is reported encouraging.

Sodium Prussiate—The market has fallen back a trifle and imported material is reported at 13¼¢@14¢lb. Domestic makers quote 14¢lb., freight allowed to New York. Improved demand has been noted.

Sodium Sulfide—The market is easy with supplies abundant and buyers showing little interest. Crystals are offered at 2¢@2¼¢lb.; solid, and broken 60%, from 3¢@3½¢lb. for imported to 3¼¢@5¢lb. for domestic.

ASKS HIGHER DUTY ON SODIUM NITRITE (Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Sept. 12.—The United States Tariff Commission listened to arguments on Monday, under the flexible tariff provisions of the Act, on an application by American Nitrogen Products Co., Seattle, for an increase in rate on sodium nitrite from 3 cents per pound to 4½¢ per pound. C. F. Graff, president of the company made the argument in favor of the increase. Marion DeVries, of DeVries & Daugherty, formerly judge of the United States Court of Customs Appeals, appeared on behalf of the Norwegian Nitrogen Products Co., New York, importers of Norwegian nitrite.

Mr. Graff on behalf of the American company contended that the Norwegian company is selling sodium nitrite, laid down in New York at 7¢ and 7¼¢ per pound, which is less than the actual cost of production in the United States. In Norway and other countries, the industry is a by-product, while here it is an industry and therefore the foreign cost of production is less than in the United States.

Mr. Graff charged that the Norwegians are selling sodium nitrite on the American market for less than they are selling it in other countries. He said that the Customs Service had held up the importation of sodium nitrite from Norway pending an investigation of dumping under the anti-dumping act. Judge DeVries declared that importations were coming in every week. The hearing was adjourned until Sept. 26.

NEW RADIUM DEPOSIT DISCOVERED

Radium Institute, Petrograd, Russia, reports that an expedition sent to Ferghana, a province of Russian Turkestan, has discovered the world's largest deposit of radium. Belief was expressed at the offices of the New York Radium Institute that as a result of this discovery the price of radium might be brought to the point where it could be put into every hospital in the land and made available to the masses, whereas both scarcity and price make it prohibitive now. More than thirty states, it was said, have no supply of radium and it was estimated that the element is not used at present in more than 10 per cent of the cancer cases it could check.

Last fall radium prices tumbled from \$110,000 a gram to \$75,000 when it became known that radium-bearing ore, in extensive quantities, had been discovered in the Belgian Congo in Africa.

The world's supply of radium was estimated last July at eight ounces, of which 3½ ounces had been extracted in America, three ounces having been retained in this country.

Three barges of chemicals, one of soda and two of sulfur, were destroyed during a recent storm at Dunkirk, N. Y. The soda was valued at \$40,000 and the sulfur cargoes at \$15,000 each.

GAIN IN SODIUM SALES ABROAD

Caustic, Borax and Cyanide In Demand—Shipments of Ammonium Compounds Decrease

Foreign trade in sodas and sodium compounds showed gains in July, 1923, over July, 1922, both in outward and inward movements, although a comparison of the inward trade is not available, according to statistics prepared by the Chemical Division, Department of Commerce. The aggregate value of the total exports of sodas and sodium compounds improved from a total valuation of \$769,419 (29,781,688 lbs.) July, 1922, to \$923,411 (40,750,452 pounds) in July, 1923. Not only did the sales of sodium cyanide represent an important expansion but also the purchases which were likewise double the sales, showed gains. Increases in foreign demand for American borax, soda ash, and caustic soda were evident in July, 1923.

Exports of all acids and anhydrides diminished in July, 1923, acetic acid having fallen to less than 5 per cent, sulfuric acid, to 65 per cent and boric to 67 per cent of the July, 1922, figure. Statistics for the imports of acids for July, 1922, are not available but indications are that gains were made in 1923. Of the acids imported, arsenious acid or white arsenic, with a total of 1,212,354 pounds, valued at \$111,631; sulfuric 1,515,400 pounds, valued at \$10,646; oxalic, 172,925 pounds, \$12,892; and tartaric acid 280,000 pounds, \$66,520 were the chief ones. The total imports of acids and anhydrides were valued at \$226,313 and the exports at \$66,059.

During July, 1923, foreign shipments of ammonia and ammonium compounds, baking powder, acetate of lime, calcium carbide, bleaching powder, copper sulfate, dextrine, formaldehyde, potash bichromate, and potassium chlorate, were all considerably below the July, 1922 figures. Although foreign shipments of glycerin were greater this year than last, receipts were only one quarter of the sales. No citrate of lime was received during July, 1923.

FORD MAY CHANGE MUSCLE SHOALS BID

(Special to DRUG & CHEMICAL MARKETS)

Washington, Sept. 12.—As a result of conference at the War Department on Thursday between Secretary Weeks and Henry Ford, his son Edsel and a Ford engineer, it was decided to give Mr. Ford until Nov. 1 to study and modify his bid on the Muscle Shoals project. In his original bid he included the Gorgas Power Plant and Transmission Line to Muscle Shoals, a distance of 88 miles, and valued at over \$1,000,000.

The government has an option on the Gorgas Power Plant and Transmission Line. It desires to turn this over to the Alabama Power Co. The Fords were brought here so that Secretary Weeks could explain the situation to them. In event the government turns over the Gorgas plant to the Alabama Power Co., Mr. Ford will be allowed to reduce his original bid by the valuation placed on the Gorgas Power Plant.

PRIZES DONATED FOR SALESMEN'S GOLF

Prizes for the Chemical Golf Tournament at the Ardsley Club, Ardsley-on-Hudson, N. Y., Tuesday, Sept. 18 have been donated by "Chemical & Metallurgical Engineering," "Oil Paint & Drug Reporter," "Chemical Color & Oil Record," "DRUG & CHEMICAL MARKETS," the Chemical Exposition, and the Salesmen's Association. Invitations to the whole industry to join in the play, have been sent out. Prizes will be for low gross and net scores, kickers' handicap, driving contest, and others. Acceptances must be sent promptly to Ray P. Dunning, 3 Park Place, New York. Trains for Ardsley will leave Grand Central at 11:57 and 12:58, day light saving time, for golf players.

The Intermediate and Dye Market

Current Spot Quotations of Intermediates, see Chemicals, page 696

ONE CENT DECLINE IN BENZENE

**Market Softens Following Recent Decline in Gasoline—
One Maker Lower in Phenol—Export Demand From
Japan—Cresylic Acid Firm—Intermediates and Dyes
Quiet**

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced		Declined		
	Pyridine, 50c gal.		Phenol, 2c lb.		
Benzene, 1c gal.					
Trend of the Market					
	Today	Last Week	Last Month	Last Year	War Peak
Benzene, pure .....gal.	\$.24	\$.25	\$.25	\$.30	\$ 1.10
Naphthalene flake .....lb.	.07	.07	.07	.07	.16
Phenol, Spot .....lb.	.29	.30	.32	.20	1.50
Toluene, pure .....gal.	.26	.26	.26	.30	..
Aniline Oil .....lb.	.16	.16	.16	.14	1.40
Alpha-naphthylamine .....lb.	.35	.35	.35	.30	1.25
Benzaldehyde .....lb.	.75	.75	.75	.55	..
Betanaphthol, dist. ....lb.	.21	.21	.22	.22	1.50
Dimethylaniline .....lb.	.40	.40	.40	.30	1.30
Paranitroaniline .....lb.	.74	.74	.74	.75	1.85
Average .....	.347	.349	.352	.313	..

Prominent sellers of benzene have announced lower prices for both pure and 90 per cent grades. Benzene has been selling in competition with gasoline for motor fuel purposes and prices have gradually softened since the recent reductions in gasoline. Production of benzene has been decreasing steadily owing to accumulation of coke for steel production. With the prospects of the anthracite coal miners' strike being prolonged, the situation has altered owing to increased demand for coke. One maker is quoting lower prices for synthetic phenol. Inquiries for phenol for export to Japan have increased and any large demand would quickly send prices upward again. Cresylic acid is holding firm. Pyridine is scarce and extremely high. Naphthalene is quiet. Intermediates and coal-tar dyes are still marking time, though a perceptible movement has been noticed. Makers have no large stocks on hand and the market is quite free of resale material. Prices are practically unchanged except for odd lots slightly under makers' prices. Beta-naphthol continues quiet. Aniline oil is unchanged.

Coal-Tar Crudes

Benzene—Lower prices are in effect with sellers quoting pure in tanks at 24c@26c per gallon and 29c@32c in drums. 90 per cent at 22c@23c in tanks and 27c@29c in drums. These prices are 1c per gallon under recent quotations. The market is lower owing to competition and recent reductions in gasoline. Demand for pure continues steady.

Cresylic Acid—Sellers had little to offer and prices continued firm at recent levels. Demand has been increasing steadily. Prices are quoted from 83c@\$1.00 per gallon according to seller and quantity.

Naphthalene—Demand has shown little improvement and prices are somewhat easy. Chipped is named at 6c@7c lb. according to seller and quantity and flaked is named at 7c@8c lb.

Phenol—Some inquiry for export to Japan has been reported. Any increase in demand would no doubt send prices up again. Prices have declined steadily during the past month or two owing to increased production and competition, and a lessened demand. One

maker has reduced his price to 28c lb. at works. Now quoted at 28c@30c lb. according to seller. Open market prices at 28c@29c lb.

Pyridine—Supplies are extremely scarce and prices have advanced to \$5.00@\$5.25 per gallon.

Toluene—Demand continues fair and prices are holding steady at recent levels. Tanks named at 27c@28c per gallon and drums at 31c@32c.

Xylene—Supplies fairly plentiful following increased summer production. Demand is not large and prices are inclined to be easy. Named at 55c@65c per gallon.

Intermediates

Acid, Anthranilic—Routine demand with prices unchanged at 96c lb. for technical and \$1.20 for refined.

Acid, Gamma—Quiet and unchanged at \$1.70@\$1.80 lb.

Acid, H—Buying has been slow but improvement is looked for soon. Makers holding prices steady at 75c@80c lb.

Acid, Salicylic—Occasional orders with prices holding at 32c@33c lb. for technical.

Alpha-naphthylamine—Buying has been confined to actual requirements and mainly for small quantities. Prices hold at 35c@37c lb. as to quantity and seller.

Aniline Oil—Large makers continue to quote 16c@17c lb. according to quantity. Stocks are adequate but in no surplus and present quotations are holding firm. Aniline salt is unchanged at 24c@25c lb.

Benzaldehyde—Technical is firm at 75c@80c lb. on limited supplies.

Benzidine—Consumers taking occasional lots at prices ranging from 80c@82c lb. according to seller.

Beta-naphthol—Demand has been for small quantities but signs of improvement are noted by occasional larger orders. Prices range from 21c@23c lb. according to quantity and seller. Resale lots are offered at 20c lb.

Diethylaniline—Quiet and unchanged at 60c@65c lb.

Dimethylaniline—Occasional sales though still comparatively quiet. Makers quoting 40c@42c lb. according to quantity.

Diphenylamine—Steady at 48c@50c lb. in a quiet market.

Meta-phenylenediamine—Makers quoting 96c@98c lb. Demand inactive.

Meta-toluylenediamine—Fair demand with prices holding at 89c@90c lb.

Nitrobenzene—Steady at recent decline with crude at 9c@9½c lb. and redistilled at 9½c@10½c lb.

Ortho-toluidine—Makers quoting 18c@19c lb. Recent demand for oil flotation purposes has strengthened the market and caused advances in prices.

Phthalic Anhydride—Steady on fair demand at 30c@32c lb.

Para-nitraniline—Unchanged and quiet at 74c@75c lb.

Para-amidophenol—Demand from fur dyers fairly active. Prices range from \$1.25@\$1.30 lb.

Para-phenylenediamine—Moving fairly well with prices holding at \$1.40@\$1.45 lb.

Para-toluidine—Inquiries have been better and outlook has improved. Makers quoting 85c@90c lb.

R-Salt—Quoted at 55c@70c lb. according to seller and quality.

BREITHUT CABLES GERMAN DYE OUTPUT

Statistics of the German dye production for July, received by cable from Trade Commissioner F. E. Breithut, show the following output by groups and by factories:

Group	Classification	Quantity (pounds)		
		May	June	July
I	Alizarin red	233,264	209,035	366,855
II	Indigo paste	47,740	576,400	27,087
III	Vat colors except Indanthrene blue G.C.D.	269,526	236,385	236,677
IV	Indanthrene Blue G.C.D.	1,434	.....	.....
V	Alizarin colors other than Red	172,753	177,619	140,516
VI	Direct colors for Cotton.....	2,420,202	2,750,097	2,627,293
VII	Direct colors for Diazotization	158,418	281,221	337,682
VIII	Acid colors for wool.....	1,405,122	1,305,005	1,487,790
IX	Chromine colors for wool.....	712,158	709,799	720,219
X	Basic colors	300,916	270,257	325,653
XI	Sulphur colors	1,567,896	2,098,584	2,522,978
XII	Lake colors	144,663	247,782	239,536
XIII	Intermediate products .....	.....	.....	.....
Total		7,454,092	8,802,154	9,032,286
Factories:		June	July	
		Quantity	(pounds)	
Barmen		20,251	61,283	
Berlin		1,397,317	1,957,366	
Beirich		499,162	354,912	
Düsseldorf		21,639	17,811	
Frankfort		1,960,552	1,954,999	
Greisheim		715,150	582,454	
Hoechst		576,400	182,072	
Leverkusen		3,089,680	3,129,438	
Ludwigshafen		131,111	418,765	
Mulheim		57,578	44,876	
Uerdingen		384,514	327,967	
		8,862,154	9,032,043	

The difference in poundage (243) for the July total by groups as compared with July total by factories, is due perhaps to error in cable transmission.

Output of coke in the United States during 1922 totaled 37,124,012 net tons, comprising 28,550,545 tons of by-product coke and 8,573,467 tons of bee-hive coke, according to the Department of the Interior. Except 1921, when business was depressed, each year since 1911 has had a larger output of coke than 1922. The production of bee-hive coke was the smallest since 1888, except that of 1921. Output of by-product was largest recorded in history of the industry excepting year of 1920. Compared with 1920, the last normal year, 1922 showed decreases of 29 per cent in total output, 8 per cent in by-product and 38 per cent in bee-hive.

Anthrone Blue Green B and Newport Chromotrope CZR, new colors, have been announced by the Newport Chemical Works, Inc. The first is a vat color and the second a bright blue shade of red which chroming turns to blue. Direct Fast Scarlet 8 BA is another recent announcement.

The German Dye Cartel has decided to increase its capitalization owing to the decline in the value of the mark. The total capitalization of all six companies is now two billion marks. It is proposed to base the new capitalization on gold marks.

L. J. Finnan, Jr., Hercules Powder Co., Wilmington, Del., has been appointed chairman of the Chemical Committee of the National Association of Purchasing Agents. The committee is considering the uniform chemical contract for the action of the Association.

A stock of colors owned by Siemen & Elting, New York, and stored in a warehouse at 288 West st., was damaged by fire, recently. Loss covered by insurance.

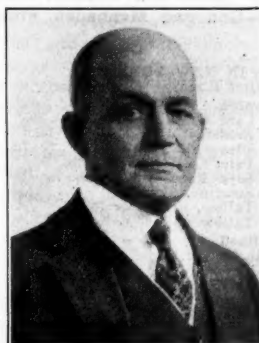
Beaver Chemical Corp., Damascus, Va., has rebuilt and is now operating its sulfur blue plant which was destroyed by fire on May 21.

Zobel Color Works, Brooklyn, announces dissolution of its business.

FRED E. SIGNER DEAD

General Sales Manager of Butterworth-Judson Corp. Had Long Career as Railroad Executive

Fred E. Signer, general sales manager of Butterworth-Judson Corp., died suddenly at his home in Bronxville, N. Y. on Sunday, September 9, following a week's illness. Mr. Signer, who was well-known in railroad circles, was born at Buffalo, N. Y. in May, 1869, and



entered the railroad service with the Buffalo, New York & Philadelphia Railroad at Buffalo. After serving in a clerical capacity with this road, and the Chicago & Atlantic Railroad, Chicago, the Southern Pacific, Los Angeles, the Chicago & Alton and the Wabash railroads, Chicago, he was appointed, April 1, 1898, contracting freight agent of the Wabash at Chicago, representing that road on the Chicago Board of Trade. He was also general

freight agent of the Wisconsin Central Railroad at Milwaukee and Chicago, and until January, 1910, was general freight agent, Wisconsin division, Soo Line, at Chicago.

From January, 1910, until December, 1914, he was commissioner of the Association of Lake Lines, at Buffalo. On December 6, 1914, he was appointed general eastern freight agent, Lehigh Valley Railroad at New York, which position he resigned in January, 1920, to accept the position of general sales manager of Butterworth-Judson Corp., which position he held at the time of his death. Mr. Signer was a member of the Board of Governors of the Traffic Club of New York, of which organization he was president for the year 1920. He was a member of the Executive Committee of the Salesmen's Association of the American Chemical Industry. He was vice-president and chairman of the Board of Governors of the Synthetic Organic Chemical Manufacturers' Association, a member of the Drug and Chemical Club and of the Ardsley Club, Ardsley-on-the-Hudson. He is survived by his wife, Lyle W., and two daughters, Marjorie and Dorothy and brother, Charles B. Signer of Chicago.

Mr. Signer was a charter member of the Salesmen's Association of the American Chemical Industry, and one of the prime movers in organizing the association in which he was an active worker until the week before his death. He was a candidate for president of the association at the recent election.

WHEN BENZOL WAS A NUISANCE—

and producers made it simply because they had the crude material, the price was 12c a gallon for 90%. This was in 1902 when the annual production in the United States amounted to about 200,000 gallons. In 1920, the American production was 70,000,000 gals. Since 1890, the price has fluctuated between 96c and 12c, the two extremes.

Read the story of American benzol production and prices in next week's DRUG & CHEMICAL MARKETS by one of America's leading authorities,—"Thirty Years in the Benzol Market" by D. W. Jayne.

The Oil Market

Current Spot Quotations of Oils, Tallows, Greases, page 711

TALLOW AND ANIMAL OILS HIGHER

Buying by Soapmakers Reduces Stocks—Cottonseed Oil Continues to Advance—Corn and Coconut Oils Gain—Linseed Oil Quiet—Cod and Menhaden Firm—Wood Oil Easier

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

		Advanced		Declined	
Coconut Oil, 3/4 lb.		Lard Oil, 3/4c@1 1/2c lb.		Chinawood Oil, 3/4c@1c lb.	
Cod Oil, 2c gal.		Neatsfoot Oil, 20°, 1 1/2c lb.			
Copra, 3/4c lb.		Oleo Oil, 3/4c@1 1/4c lb.			
Corn Oil, crude, 1 1/2c lb.		Palm Oil, Niger, 3/4c lb.			
Refined, 1c lb.		Soya Bean Oil, 3/4c lb.			
Cottonseed Oil, P.S.Y., 3/4c lb.		Stearine, 1 1/2c lb.			
Greases, 1c lb.		Tallow, extra, 3/4c lb.			
		Tallow Oil, 1 1/2c lb.			
		Trend of the Market			
	Today	Last Week	Last Month	Last Year	War Peak
Cod Oil, N. F.....gal.	.66	.62	.65	.54	\$1.26
Degras, American, bbl..lb.	.0834	.0834	.0834	.04	.25
Lard, No. 1.....gal.	.86	.81	.79	.75	2.90
Menhaden, crd., bbls..gal.	.40	.40	.40	.40	1.20
Neatsfoot, 20 deg. c.t..gal.	1.22	1.12	1.31	1.35	3.45
Red Oil, distilled.....lb.	.094	.094	.094	.08 1/2	.17
Stearic Acid, T.P.....lb.	.1434	.1434	.1434	.10 1/2	.33
Coconut, Ceylon, bbls..lb.	.10	.09 1/2	.09 1/2	.0834	.90
Cottonseed, crude, tks..lb.	.10	.09	.10	.07 1/2	.25
Linseed, carlots.....gal.	.90	.90	.97	.90	1.88
Olive, denatured.....gal.	1.10	1.12	1.12	1.15	4.50
Peanut, refined.....lb.	.15	.15	.15	.12 1/2	.30
Soya Bean, bbls.....lb.	.1094	.1094	.1094	.12 1/2	.19 1/2
Average .....	.0457	.0440	.0453	.0441	1.30
					.0362

Activity in cottonseed oil and tallow have been the principal features in the market. Government reports on the cotton crop were decidedly bullish and prices rose rapidly as trading in cottonseed oil became active. Tallow and animal oils advanced sharply when buying by soap makers uncovered a scarcity of supplies in the market. A general improvement has been noted though many buyers are still holding off and taking supplies only as required. Coconut oil and corn oil have been in better demand and prices have become stronger. Soya bean oil has begun to move and quotations are slightly higher. Linseed oil continues quiet though futures have a firmer tone. Chinawood oil became easier and buying was fairly active at the close of the week. Cod oil has been scarce on spot and new crop oil is just coming in. Prices are opening high owing to short catches around Newfoundland. Menhaden oil is holding at recent levels. A large quantity of herring oil in Japan has not been heard from since the Japanese disaster. Rosin and turpentine continue quiet.

Vegetable Oils

Castor Oil—Unchanged on steady demand with No. 1 at 13 1/2c lb. and No. 3 at 13c lb.

Chinawood Oil—Better buying took place toward the close of the week as prices became easier. Spot oil sold at 21c@22c lb. while shipments from China were named at 21c lb. Conditions in the primary markets are reported unchanged.

Coconut Oil—Demand has been better and offerings less abundant. Prices are slightly higher with Ceylon at 10c@10 1/4c lb. in barrels and 8 3/4c@8 7/8c lb. in tanks; Cochiti, 9 1/2c@9 3/4c lb. in tanks and 10 3/4c@11c lb. in barrels. Manila, 8c@8 1/4c lb. Copra higher at 5 1/4c lb.

Cottonseed Oil—Prices rose steadily during the active trading following the bullish cotton reports early in the month. Interest is displayed in Oct., Jan., and

March positions. P.S.Y. opened this week at 11.30@11.50 for spot and 11 1/4c@11 1/2c for Sept. down to 10.45 @10.60 for April. Crude oil is higher at 10c.

Corn Oil—Active buying taking place and prices have strengthened as stocks of crude oil became difficult to locate. Prices advanced to 9 1/2c@9 3/4c lb. in buyers' tanks at mills. Refined is higher at 13c lb.

Linseed Oil—Buying continues quiet and confined to actual requirements. More interest is displayed in futures and forward positions are firmer. Spot oil in carlots named at 90c. October, 86c; Nov. forward, 84c. Imported oil, 93c@95c gallon. London quotations, 42s. Antwerp, 382f. Flaxseed prices advanced with Winnipeg Oct. opening the week at \$1.99 1/2c and Dec., \$1.90 1/2. Duluth, Sept., \$2.33; Oct., \$2.32; Nov., \$2.32; Dec., \$2.28. Buenos Aires, higher at \$1.90.

Olive Oil—Buying for soapmaking purposes has been fair but other fields are quiet. Denatured holding at \$1.10@1.15 per gallon. Edible at \$1.70 and up. Olive foots are in small supply and shipment prices are reported higher than spot. Named at 8 1/2c lb., spot.

Palm Oil—Has been active and the market is strong owing to limited supplies. Niger higher at 7c lb. Lagos, 7 1/4c lb.

Peanut Oil—Nine tanks of crude oil reported bought at 10 1/4c lb. which about cleaned up available supplies at mills. Refined oil selling at 14 1/2c@15c lb.

Soya Bean Oil—Firmer under improved buying with crude in tanks on spot at 9 1/4c lb. and in barrels, 10 3/4c @11c lb.

Animal Oils

Greases—All grades higher owing to increased demand and light offerings. White 9 3/4c lb.; yellow, 7c @7 1/4c lb.; brown, 6 1/2c@7c lb.; house, 7 1/4c lb.

Lard Oil—Stronger with advances in all grades. Edible 16 1/2c lb.; off prime, 13 1/2c lb.; extra, 12 3/4c lb.; No. 1, 11 1/2c lb.

Neatsfoot Oil—Higher with trend of market. Cold test, 16 1/2c lb.; extra, 12c lb.; Pure, 14 1/4c lb.

Oleo Oil—Stronger on better demand with No. 1 at 12 1/4c@12 1/2c lb.; No. 2, 10c@10 1/4c lb.; No. 3, 9 1/4c lb.

Red Oil—Moving well and stronger tone at 9 3/4c lb. for distilled and saponified in barrels.

Stearic Acid—Steady demand and strong owing to higher market for raw materials. Triple pressed at 14 3/4c lb.; double pressed, 13 1/2c lb.; single, 13 1/4c lb.

Tallow—Increased demand and small offerings. Prices have advanced and sales made at 8c lb.

Fish Oils

Cod Oil—Old stocks have been well sold and new crop is coming in. Prices are reported high owing to small catches on the fishing banks due to labor scarcity. Offerings are yet small though quotations are heard at 65c gallon.

Menhaden Oil—Sellers continue to maintain their prices at 40c per gallon and though consumers are reluctant in paying. Refined oils holding at 65c for light strained and 67c for yellow bleached. Blown, 75c.

Herring Oil—A quantity of 800,000 cases of oil in Japan has not been heard from since the disaster. Prices are nominal.

Naval Stores

Turpentine—Prices are holding steady in spite of the lack of buying. Improvement in buying is looked for soon. Spirits at 95c gallon.

Rosin—Buying is along conservative lines at unchanged prices. Export demand is also quiet. Prices, B, \$5.75; D to K, \$5.90; M, \$6.00; N, \$6.25; WG, \$6.75; WW, \$7.25.

NEW AMERICAN COTTON OIL CO.

Gold Dust Corp., has been incorporated at Trenton, N. J. for \$5,000,000, and will be a subsidiary company of American Cotton Oil Co. A change in management took place last May when George K. Morrow succeeded Lyman N. Hine as president. It was announced at that time that the fourteen remaining cotton seed crushing mills of the company, scattered throughout the South, would not be reopened in the Fall of 1923.

Rumors to the effect that the American Cotton Oil Company was considering a change in its operating policy and would confine its activities to such revenue-producing items as "Fairy Soap," "Gold Dust" and other soaps or soap powders, arose with the change in management. The sale of some of the company's properties in the South since that time tended to confirm the intention of abandoning the old policy. Company officials have declined to confirm or deny the reports, but it is known that the sale of cotton seed crushing mills and cotton oil refining plants has put the company in a position financially to make possible the reorganization now being effected.

Under the item of funded debt there was outstanding on Aug. 8 \$5,000,000 of American Cotton Oil Co. twenty-year 5s, due May 1, 1931, and \$8,500,000 of American Cotton Oil Co. five-year 6 per cent notes due Sept. 2, 1924. The capital stock on Aug. 8 consisted of preferred stock outstanding in the amount of \$10,198,600, and outstanding common stock amounting to \$20,237,100.

Paul A. Drucklieb, president National Importing Co., New York, has sent a communication to the U. S. Tariff Commission urging a reduction in the duty on synthetic phenolic resins. He says these materials sell at 68 cents per pound in foreign markets, but Customs officials in New York claim that the American valuation is \$2.75 per pound. The duty of 80 per cent ad valorem and 7 cents per pound is declared to be excessive.

The purchasing power of the dollar last week, computed in pre-war value cents, increased five-tenths of one cent from the previous week, while wholesale prices remained unchanged, according to Prof. Irving Fisher's weekly index, which is compiled from the wholesale prices of more than 200 commodities. The dollar last week stood at 64.6 cents, while prices were 155 per cent of the pre-war level.

Annual meeting of Technical Photographic and Microscopical Society will be held in the students' room of the National Exposition of Chemical Industries, Grand Central Palace, Lexington ave., and 46th st., New York, Friday Sept. 21.

J. M. Huber Carbon Co., Swartz, La., will rebuild the portion of its carbon black works, recently destroyed by fire with loss estimated at \$25,000.

E. T. Bedford, president Corn Products Refining Co. has given a Y. M. C. A. building, costing \$350,000, to the town of Westport, Conn.

BRITISH OIL SEED TRADE INCREASES

In the first six months of this year England imported 950,000 tons of oil seeds, oil nuts and kernels, compared with 690,000 tons during the corresponding period in 1922. The principal products were cottonseed, 313,869 tons (a 30 per cent increase); linseed, 231,819 tons (20 per cent increase); soya beans, 103,314 tons (200 per cent increase), and nuts and kernels, 236,756 tons (22 per cent increase). The cotton seed is largely drawn from Egypt and British India, the linseed from Argentina and India, soya beans from Manchuria and nuts and kernels mainly from West Africa.

Larger quantities of edible oils have been exported, the increase being about 100 per cent and fully balancing the loss in the reduced exports of linseed oil. The official figures of exports from Britain of British manufactured oils during the six months, as compiled by the Board of Trade, are as follows (in gross tons of 2,240 pounds):

	January-June	1922.	1923.
Unrefined:			
Castor oil	2,183	2,108	
Coconut oil	168	411	
Cotton	634	5,833	
Linseed	43,788	22,433	
Olive	5	7	
Palm	203	421	
Palm kernel	1,734	9,348	
Rape	2,742	4,830	
Soya	4,102	3,914	
Other sorts	2,362	5,599	
Total unrefined	57,921	54,924	
Refined			
Coconut oil	1,022	573	
Cotton	5,140	6,350	
Olive	39	41	
Palm	372	148	
Palm kernel	473	1,302	
Total refined	7,046	8,414	

The United States took less linseed oil from Hull, but was a heavy buyer of flaxseed in Argentina. Shipments of flaxseed by Argentina to the United States from January to July amounted to 460,000 tons against 146,000 for the first six months of 1922.

BUSINESS CONTINUES TO IMPROVE

While the anthracite coal strike has caused some unsettlement and the Japanese disaster has affected certain domestic markets, the trend toward enlarging operations has continued and there is expectation of further progress now that the vacation period is practically ended, according to reports by Dun's and Bradstreet's agencies.

Curtailement of industrial and mercantile activities during the summer was less noticeable than usual in different lines, and current statistics of car loadings, which surpass all previous records, show that distribution of goods is maintained in exceptionally heavy volume. The policy of most buyers remains one of limiting commitments to well defined needs, but this serves to prevent unwholesome excesses and disturbing movements in prices, and the comparatively moderate stocks of merchandise are a favorable augury.

J. C. Nash, president Columbia Naval Stores Co., New York, returned last week from a business trip in Europe.

J. G. MacNair, National Lead Co., New York, has returned to his desk after a brief vacation.

The Fine Chemical Market

Current Spot Quotations of Fine Chemicals, page 692

MENTHOL AND JAPANESE CAMPHOR ACTIVE

Owing to Uncertainty as to Stocks in Yokohama—Imports of Camphor Heavy Last Week—Imported Tartaric Acid Lower—Methanol Lower—Caffeine Higher—Formaldehyde and Mercury Lower—Trading Reported Active

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Caffeine Alk., U.S.P., 25c lb.	Menthol, \$8.00 lb.
Camphor, Jap., 2½ lb slabs, 4c lb.	
Declined	
Acid, Boric, ¼c lb.	Mercury, 50c flask
Acid, Tartaric, Imp., ½c lb.	Methanol, 95%, 20c gal.
Formaldehyde, ¼c lb.	Potassium Permanganate, ¼c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid	\$3.32	\$3.32	\$3.32	\$3.30	\$2.00	\$2.30
Acid Citric, Import.....	.49	.49	.50½	.45	1.25	.45
Caffeine Alkaloid	4.00	3.65	3.65	3.75	18.00	3.65
Calomel, American	1.25	1.25	1.25	1.00	3.43	.90
Camphor, Jap., ref.....	.91	.87	.85	.83	3.55	.41
Iodine, Resublimed	4.55	4.55	4.55	4.40	5.00	3.75
Menthol	17.50	9.50	9.65	6.00	13.50	3.00
Potassium Bromide, Cryst.	.26	.26	.26	.23	4.30	.50
Quinine Sulfate, Imp.....	.50	.50	.49	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.36	4.25	.27
Strychnine Sulfate .....	.84	.84	.84	.76	2.05	.50
Average	2.82	2.06	2.07	1.67	5.92	1.56

Japanese products have attracted practically all the attention during the past week. Menthol is quoted nominally at \$17.50@18.00lb., and Japanese slabs camphor at 91clb. Nearly all items that have a Japanese connection are being speculated in, and whether or not the high prices which are being asked are justified remains to be seen. Reports are heard that a fire resulting from the earthquake broke out within two blocks of the warehouse of the largest holder of menthol in Yokohama. A number of factors do not see how these stocks could avoid destruction. On the other hand, they are refraining from trading in this item until more definite information can be obtained from abroad. Outside of these items, the movement of prices, where there has been any movement at all, has been more downward than upward. Buying has been mostly in small lots with the tendency for buyers to refuse to extend their purchases until they, in turn, see an opening for the finished goods. This still blocks channels of trade in spite of the generally believed reduced state of raw materials in consuming hands. Until something akin to a settled state of affairs exists in the world, no buyer appears anxious to commit himself beyond immediate needs. With few exceptions, the medicinal chemical group prices are at levels where production costs warrant no further cutting, and future movements are apt to be up rather than down.

Acetanilid—U.S.P. unchanged at 32c@33clb. spot, and resales available at 31c@32clb. spot as to quantity.

Acid, Acetylsalicylic—Market is reported quiet by makers at 75clb. spot with second hands named at 72½c lb. Interest may pick up when more definite news about the disaster is received from Japan.

Acid, Boric—Quoted lower at 10¼c@11¼clb. spot for crystals in barrels. Kegs named at 11¼c@11¼clb. spot.

Acid, Citric—Imported remains easy at 49c@50clb. spot for crystals in barrels. Supplies are being reduced,

though, and until more importations are made further reductions in price are not expected for some time to come according to the trade. Domestic unchanged at 49clb. spot for crystals, and 50clb. for powdered. London reports a quiet market at 1s 6d per pound with possibility of shading this figure.

Acid, Salicylic—Makers are unchanged at 35clb. spot with resale material named at 34c@35clb. spot. If any of the supplies, that were recently purchased by Japan, were destroyed, then replacement orders ought to be forthcoming in the near future. London reports a firmer market at 2s 3d per pound.

Acid, Tartaric—Imported crystals have declined and now quoted at 33c@34clb. spot. Domestic unchanged at 36clb. spot. Market is said to be quiet and only small lots reported sold. During past week 340 kegs were imported at New York.

Alcohol—Denatured quoted firm and in good demand at 40c@42c gal. for specially denatured No. 1 in drums; completely denatured No. 5, 39c@41c gal. in drums; and completely denatured No. 6, 38c@40c gal. in drums. Methanol has declined sharply and now quoted at 95c gal. for 95% material.

Amidopyrine—Unchanged though active at \$4.50@4.75lb. spot. German goods laid down in New York will cost about \$7.36lb.

Antipyrine—Demand more active than for several weeks past, according to reports. However, weak holders are still inclined to sell lower than the price of \$2.40@\$2.50lb. spot which is generally quoted. German goods laid down in New York will cost about \$3.40lb.

Bismuth Subnitrate—Makers quoting \$2.90lb. spot, and second hand lots available at \$2.80lb.

Caffeine Alkaloid—Has advanced and now quoted at \$4.00@\$4.35lb. spot with resales named at \$3.75lb. in limited quantities.

Camphor—Japanese slabs have advanced in sympathy with other Japanese products and now quoted at 91c@92clb. spot for 2½lb. slabs. A number of factors report that the increase is unwarranted though the approaching consuming season will undoubtedly maintain a firm market. Domestic makers name 93clb. for barrels. Last week saw 200 barrels, 1,018 cases, and 400 cases entered at New York from Hamburg, China, and Kobe, respectively.

Cod Liver Oil—Quoted easy at \$24.00@\$25.00 barrel owing to small demand on spot as well as in primary market.

Formaldehyde—Has declined and now quoted at 13c lb. works for c/l. Second hand lots available at 12½c lb. spot. Demand is small and with Japan out of the buying market temporarily, some factors on spot can see an accumulation of stocks during the next few weeks.

Glycerin—Named at 17c@17¼clb. for C.P. in drums, and 16c@16¼clb. for dynamite. A car load of dynamite was reported to have been sold last week in Middle West.

Menthol—Has advanced sharply and now quoted at \$17.50@\$18.00lb. spot owing to the uncertainty as to the condition of stocks in Yokohama. Last week saw 30 cases entered at New York.

Mercury—Quoted lower at \$61.50@\$62.00 flask owing to lack of demand. London naming £8 10s flask.

Potassium Permanganate—Quoted firm at 17½¢@18¢ lb. spot. During the past week 60 drums were imported at New York.

MENTHOL STOCKS MAY BE 350 CASES

With United States Using 4,000 Cases Yearly, Market Faces Shortage if Yokohama Stocks Were Destroyed, Says Shozo Miura, N. Y. Agent for Kobayashi

Shozo Miura, New York agent for K. Kobayashi of Japan, says: "Figures have come forward stating that the Sambi peppermint crop will yield about 30,000 pounds of peppermint oil, this year. About 5,000 pounds of peppermint oil were known to have been distilled previous to the earthquake, and about half of this was bought up by the Yokohama interests, while the balance went to Kobe manufacturers. Whether or not the 40 to 50 cases that were shipped to Yokohama were destroyed, remains to be seen. About 5,000 pounds more of this crop can be distilled and shipped to this market for use this year.

"The remaining 20,000 pounds of oil will be distilled too late for consumption this season. The large crop, which is known as Hokkaido crop, is estimated at 240,000 pounds of oil. This crop cannot be used this year since it is not harvested until November-December, and comes on the market here the first of the year. Providing the stocks in Yokohama are destroyed, the only menthol available for consumption this year would be the small amount in Kobe, the stocks held in London, the stocks on spot, that held on the Pacific coast, and the amount of goods that are still afloat, which are altogether approximated at 350 cases.

"Even after deducting the amount that has already arrived in this market and taking into consideration that the annual consumption alone in the United States is about 4,000 cases, an appreciable deficit is inevitable providing the stocks in Yokohama have actually been destroyed."

ALCOHOL ADVANCED 2c BY PRODUCERS

Alcohol prices have been advanced two cents per gallon by the United States Industrial Alcohol Co., according to an announcement sent out to the trade Wednesday. The new schedule is: No. 1 special, 42c gal. drums extra and returnable; No. 5 complete, 41c@43c gal. drums; No. 6 complete, 40c@42 gal. drums; others higher in proportion. In line with the higher cost of denaturing materials and the continued heavy demand on all alcohol producers, other manufacturers are expected to follow this advance.

The American Pharmaceutical Association, in session last week at Asheville, N. C., adopted the amendments to the constitution putting into effect the reorganization plan agreed upon at the Cleveland meeting, a year ago. A board of directors takes the place of the council, and changes are made in the method of electing members and officers. The House of Delegates nominated the following named for president: John Culley, Ogden, Utah; C. W. Holton, Newark, N. J.; and George Judish, Iowa.

Fire recently damaged a stock of tartaric acid owned by Bertolaia & Goedert, fine chemicals, New York. Loss was covered by insurance.

Sugar carried by Jaburg Bros., in the Ficke Warehouse, 288 West St., New York, August 26, was insured for \$300.

CHEMISTS ANNOUNCE GIFT OF \$500,000 FOR PRIZES AT MILWAUKEE MEETING

Offer Made by Allied Chemical and Dye Corp.—Francis P. Garvan and Wife Give \$10,000 for Prize Essays—Fifteen Hundred Members Attend

(Special to DRUG & CHEMICAL MARKETS)

Milwaukee, Wis., Sept. 12.—About 1,500 members of the American Chemical Society are attending the meeting in session here from Monday until Friday. The Council met on Monday evening, and the general meeting was opened on Tuesday in Plankinton Hall, where the Society was welcomed by Daniel W. Hoan, mayor, and Emmanuel Philipp, president Milwaukee Association of Commerce. The response was by Prof. E. C. Franklin, president of the Society. General addresses were made by Charles F. Burgess, director Burgess Laboratories, who spoke on "Marketing Chemical Discoveries," and by Arthur I. Kendall, of Northwestern University, who discussed "Bacteria."

A gift of \$500,000 from the Allied Chemical and Dye Corporation of New York, to found the American Chemical Prize of the annual value of \$25,000, to be awarded the chemist of either sex in America who, in a period to be determined, has made contribution of outstanding merit in the science of chemistry, was announced at the opening session.

Washington, D. C., was chosen as the convention city for the Spring meeting in 1924, and Ithaca, N. Y., will entertain the society during the Fall meeting.

CHEMISTRY PRIZES OFFERED BY GARVANS

A national essay contest in which a four-year chemistry scholarship at Yale or Vassar will be awarded to each of six winners has been announced by the American Chemical Society. The donors are Mr. and Mrs. Francis P. Garvan, who contributed \$10,000 to a fund in memory of their daughter, Patricia. The winners will be allowed \$500 and tuition fees a year for four years.

On authorization of the Council of the American Chemical Society, Edward C. Franklin, President, has named H. E. Howe, Chairman of the Contest Committee and W. D. Bancroft, Charles H. Herty and Alexander Williams, Jr. as the other members of the committee. Headquarters have been established at 67 Wall Street.

The announcement states that essays must be submitted before April 1, 1924. Winners will be announced not later than July 1, 1924. Essays must not exceed 2,500 words, and must be on one of these subjects: "Relation of Chemistry to Health and Disease," "Relation of Chemistry to the Enrichment of Life," "Relation of Chemistry to Agriculture and Forestry," "Relation of Chemistry to National Defense," "Relation of Chemistry to the development of the Industries and Resources of Your State."

Receipts of camphor in July were the smallest of the year although surpassing the July, 1922, figure; 233,057 pounds, worth \$151,126 of crude, natural camphor, and 238,039 pounds, worth \$176,043 of synthetic and refined camphor entered the United States in July, 1923.

Prohibition Commissioner Haynes has asked the Budget Bureau, Washington, for \$10,000,000 for enforcing prohibition next year. This is an increase of \$1,000,000 over this year's appropriation. The Commissioner also requests \$500,000 for enforcing the narcotic laws.

The Crude Drug Market

Current Spot Quotations of Crude Drugs, page 713

INSECT POWDER HIGHER ON SPOT

Flowers Quoted at 50½clb. c.i.f.—Some Houses Withdraw Offerings—Cascara Sagrada Higher—Agar Agar and Japan Wax Higher—Golden Seal Root Active—Sassafras Bark Higher—Senega Root Active for Export

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Agar Agar, No. 1, 10c lb.	Insect Powder, 100%, 7c lb.
Annatto Seed, 5c lb.	Japan Wax, 2½c lb.
Blackhaw Bark, Root, 2c lb.	Poppy Seed, 1c lb.
Caraway Seed, Dutch, 2c lb.	Sassafras Bk., Select, 3c lb.
Clover Tops, 5c lb.	Senega Root, 3c lb.
Elm Bark, Select, 3c lb.	Spikenard Root, 2c lb.

Declined	
Anise Seed, Spanish, 2c lb.	Chamomile Flrs., Hung., 1c lb.

	Trend of the Market			Last Year	War Peak	Pre-War
	Today	Last Week	Last Month			
Aconite Root, U.S.P.	\$.50	\$.50	\$.50	\$.23	\$.90	\$.12
Buchu Leaves, Short. ....	.90	.90	.90	.92	4.00	.85
Cantharides, Russian	1.75	1.75	1.75	3.50	9.00	2.10
Cocculus Indicus ....	.08½	.08½	.08½	.08½	.85	.03
Ergot, Spanish ....	.51	.51	.51	.80	4.50	.54
Insect Powder, pure ....	.62	.55	.55	.52	1.00	.28
Ipecac, Cartagena, powd.	1.90	1.90	1.90	1.80	4.50	1.35
Nux Vomica ....	.06½	.06½	.06½	.07	.14½	.07
Opium, gum	8.00	8.00	8.00	6.00	30.00	5.00
Rhubarb Root, H. D. ....	.40	.40	.43	.49	1.75	.15
Tragacanth, No. 1, ribbon.	1.48	1.48	1.48	1.75	6.00	1.50
Wild Cherry Bk., thin nat. ....	.11	.11	.10½	.09	.21	.07
Average	1.35	1.35	1.35	1.36	5.28	1.00

A slight increase in buying of crude drugs has been noted during the past week. This activity, coupled with a number of spot scarcities, has given the market considerable impetus. However, prosperity has not as yet been reached, because no balanced state exists between production and trade. The European situation is still unsettled and is likely to be as long as the reparations question remains open. Shading is becoming less pronounced as interest increases. Price movements have been variable with tendency to higher rather than to lower figures. A number of sellers have withdrawn offerings, especially of Japanese products, until some more definite information is received in regard to extent of damage to crops and stocks in Japan. Products from the Northwest are holding firm owing to scarcity and high price of labor. No final reports have been received from the South, but when all collections are in, some factors think that the usual volume of crude drugs will be gathered, excepting the cheaper items, which are reported to have been neglected.

Aconite Leaves—Quoted unchanged at 25c@27clb. spot as to quantity.

Agar Agar—Has advanced and now quoted at \$1.70 @ \$1.80lb. spot for No. 1 owing to a sympathetic upward movement of Japanese products. However, an indirect effect of the disaster may result in China buying more of the Kobe product to take place of the white Yokohama material. If this takes place then America and China will be competing for the same goods. No. 3 named at \$1.58@ \$1.60lb. spot.

Alettris Root—Quoted at 55c@60clb. spot as to seller and quantity. Market firm.

Althea Root—Although spot is quoted unchanged at 25c@28clb., tendency is to higher figures owing to a recent export embargo on this item from Germany.

Anise Seed—Spanish is easier at 21c@22clb. spot. Star named at 13c@14clb. spot.

Annatto Seed—Has advanced and now quoted at 17½c @ 18clb. spot.

Blackhaw Bark—Root quoted higher at 40c@42clb. spot and tree unchanged at 28c@30clb. spot.

Buchu Leaves—Small inquiry has tended to keep prices down. Quoted at 90c@95clb. spot for bales with one factor holding to 92clb. inside. Offerings from Cape Town are being received here in larger quantities.

Caraway Seed—Dutch has firmed up and now quoted at 22c@23clb. spot. African named at 23c@24clb. spot.

Cardamom Seed—All grades firm with tendency to higher figures. Bleached named at \$1.25@ \$1.70lb. spot as to quality, and decorticated at \$1.10@ \$1.20lb. spot.

Cascara Sagrada—Spot goods are again available at 18c@20clb. for old bark, and 17c@18clb. for new. Some holders on spot have withdrawn offerings. The market has threatened several times within the past few years to go as high as 25clb., but each time it has failed. Export demand has been active, but supplies are being rapidly absorbed in domestic market.

Chamomile Flowers—Hungarian has eased off again and now quoted at 8c@9clb. spot. Romans are practically bare on spot with shipment ranging from 90c @ 95clb.

Clover Tops—Quoted higher at 25c@27clb. spot owing to scarcity and high prices in country. All spot supplies are reported to be held by one factor.

Cohosh Root—Black quoted at 15c@16clb. spot, and blue firm at 19c@20clb. spot.

Cubeb Berries—Position is easy owing to accumulation of supplies at 70c@75clb. for XX, and powdered lower at 75c@78clb. spot.

Dandelion Root—Quoted firm at 21c@23clb. spot as to seller with tendency to higher figures. Past week saw 3 bags entered at New York.

Elm Bark—Inquiry has been reported active. Quoted higher at 28c@29clb. spot for select material. Powdered unchanged at 17c@18clb. spot.

Ergot—Russian and Spanish named at 43c and 51c lb., respectively. Demand routine.

Gentian Root—Generally quoted at 9c@9½clb. spot with some houses still naming 8½clb. for limited quantities only.

Golden Seal Root—Whole quoted on spot at \$3.75@ \$3.85lb., and powdered at \$3.90@ \$4.00 with offerings in country on the increase. The small difference between the two quotations is explained by the powdered being from cheaper root.

Helonias Root—Quoted firm at 90c@95clb. spot as to quantity.

Insect Powder—Advanced and now quoted at 62c@ 65clb. for pure goods. A number of firms have withdrawn offerings until more definite news comes from Japan. A cable was received Monday of this week naming 50½clb. c.i.f. New York for flowers.

Japan Wax—Quoted higher at 18c@20clb. spot with more or less uncertainty about future shipments. Spot supplies limited.

Mandrake Root—Quoted scarce at 20c@22clb. spot.

Sarsaparilla Root—Mexican named easy at 28c@29c lb. spot with tendency to lower figures. Honduras quiet at 61c@65clb. spot.

Sassafras Bark—Select has advanced and now quoted at 28c@29clb. spot owing to scarcity.

Senega Root—Quoted higher at 65c@67clb. spot with possibility of another advance due to high figures being named in the country and also to active demand for export.

Senna—Siftings firm and scarce at 13c@14clb. spot. During past week 100 bags were imported at New York.

Spikenard Root—Higher at 21c@23clb. spot.

Dr. Robert Gordon, Jr., formerly with H. K. Mulford, who resigned June 24, 1923, is accused by that company of obtaining money under false pretenses from its customers. The trade has been warned against advancing him any funds. Rewards have been offered for his arrest. He is 5 feet 8 inches tall, weighs 226 pounds, auburn complexion, Teutonic appearance, and speaks with a German accent. His activities have been confined recently to Eastern Texas.

Exports of crude drugs, herbs, leaves and roots, advanced from a valuation of \$132,213 (323,185 pounds) in July, 1922, to \$338,182 (598,336 pounds) in July, 1923. Ginseng, after the exceedingly low figure of 58 pounds in June, rose to \$223,326 (13,065 pounds) in July, 1923. Imports of crude drugs, herbs, leaves and roots in July, 1923, equalled \$799,544 (12,604,840 pounds), of which amount, licorice root accounted for one-sixth of the quantity.

Foreign demand for American medicinal and pharmaceutical preparations in July, of this year, exceeded that for July, of last year, 29 per cent, rising from a total valuation of \$958,845 to \$1,235,485. On the other hand, American requirements for foreign goods of this type were less than half the July, 1922, figure of \$373,983.

H. R. King, McLaughlin, Gormley King Co., crude drug importers, New York, will be married to Miss Effie Adams, on September 25, at Superior, Wis. Immediately after the ceremony the couple will take a three weeks trip to Bermuda, and on returning will reside in New York.

Dr. Wm. H. Gesell of Lehn & Fink, of New York City, attended the annual meeting of the American Pharmaceutical Association, which was held at Asheville, N. C., Sept. 3 to 8.

Edward W. Krutch, of Sanford, Chamberlain & Albers Co., Knoxville, Tenn., wholesale druggists, died Aug. 21 from injuries received in an elevator accident. He was 69 years old.

Camphor, consisting of 100 cases of refined, consigned to Lewis C. Hopkins, and 250 cases of crude for the Celluloid Co. arrived at Seattle on Aug. 27, aboard Yokohama Maru.

Parke, Davis & Co. have declared a dividend of 50c a share payable Sept. 30 record Sept. 20. Last dividend was \$1.25 paid June 30 which was 50c regular and 75c extra.

The Proprietary Association has moved its offices from 440 South Dearborn st., Chicago, to Suite 423, Star Building, Washington, D. C.

United Drug Co. has declared a quarterly dividend of 87½c on first preferred stock, payable Nov. 1 to stock of record Oct. 15.

CONTRIBUTORS TO JAPAN'S RELIEF

Chemical companies contributing to the American Red Cross Japan Relief Campaign are as follows:

MacAndrews & Forbes Co.	\$1,000.00
Coleman duPont	1,000.00
W. A. Taylor & Co.	500.00
Binney & Smith	500.00
Mutual Chemical Co.	500.00
Kuttruff, Pickhardt & Co.	250.00
Fairchild Bros. & Foster	250.00
E. Kohnstamm	250.00
J. Kohnstamm	250.00
Enos F. Jones Chemical Co.	200.00
Herman A. Metz	100.00
Seabury & Johnson	100.00
Roger & Gallet	100.00
Carbona Products Co.	100.00
Ledoux & Co.	100.00
International Oxygen Co.	100.00
Federal Composition & Paint Co.	25.00
Preservaline Mfg. Co.	25.00
James C. Smillie	25.00

JAPANS CHEMICAL EXPORTS TO U. S.

Imports from Japan to United States during the period 1919 to 1921 included the following products:

	1919	1920	1921
Oxalic Acid	lbs.	102,634	.....
Albumen	lbs.	28,400	.....
.....	value	\$30,464	.....
Arsenic	lbs.	2,316,400	2,714,799
(including Arsenic Sulfide)			
Total Arsenic Imports.....	4,302,335	8,160,089	6,686,570
Quinine sulfate	lbs.	645,591	364,992
Colors	lbs.	3,139	777
Camphor, crude	lbs.	1,509,279	233,320
Camphor refined	lbs.	846,690	441,782
Menthol	lbs. ....	.....	164,986
Raw Silk	lbs.	22,903,609	31,704,332
Total chemicals, dyes, drugs,			
medicinals—value	\$8,006,225	\$8,817,215	\$2,604,199

Imports of arsenic, including sulfide during 1922 amounted to 1,740,693 pounds.

Raw silk imports for 1922 were 40,028,794 lbs. valued at \$291,000,000.

Indiana Section of the American Chemical Society has passed resolutions relating to the suit by the Government against Chemical Foundation, in which it is declared that "the organization of the Foundation and its ownership of patents, previously enemy held, has corrected abuses and evils that existed in pre-war as well as war times and that the return of these patents through the United States government to the former owners would be a serious injury to America's welfare during peace and to America's security during war."

"The British drug trade is considering coloring strychnine a brilliant green to prevent accidental poisoning. Even if the plan goes through, the color of British poisons will have nothing on that of the American holders of arsenic under present market conditions."—Jour. of Commerce.

Dow Drug Co., Cincinnati, has declared a quarterly dividend of 1½ per cent on the common and of 1¾ per cent on the preferred stock, payable Oct. 1 to holders of record Sept. 21.

Judgment for \$1,527.72 against American Medical Products Co. and Joseph C. Tollman has been filed in New York county by M. H. Mann.

Judgment for \$475.45 against Weisenthal & Co., New York, has been filed by Ginsburg Mintz Corp.

The Essential Oil Market

Current Spot Quotations of Essential Oils, 716; Aromatic Chemicals, 717

PEPPERMINT ADVANCED AGAIN IN SPOT

Sale in Country Reported at \$3.15lb.—Oils Orange and Lemon Lower Owing to Lack of Demand—New Crop Caraway Strong—Citronella Quoted From 68c to 70clb.—Oil Sassafras Scarce—Camphor Oil Unchanged—Artificial Mustard Higher

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Oil Cubebs, 25c lb.	Oil Peppermint, Nat'l., 25c lb.
Oil Geranium, Bourbon, 25c lb.	Oil Rose, Bulg., \$1 lb.
Oil Mustard, Artif., 19c lb.	Oil Sassafras, Nat'l., 15c —
Oil Pennyroyal, Imp., 5c lb.	Oil Vetiver, Bourbon, 75c lb.
Declined	
Oil Bois de Rose, 5c lb.	Oil Lemon, Italian, 5c lb.
Oil Caraway, 50c lb.	Oil Orange, Italian, 10c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Oil Bergamot	\$2.60	\$2.60	\$2.65	\$3.60	\$7.00	\$5.00
Oil Citronella, Ceylon.....	.69	.69	.71	.62½	.92	.60
Oil Cloves	2.10	2.10	2.20	2.25	3.70	1.40
Oil Lemon, Italian.....	.70	.75	.75	.67½	1.70	2.00
Oil Peppermint, Nat'l.....	3.15	2.90	2.60	3.10	9.00	2.25
Oil Sandalwood, E. I.....	7.35	7.35	7.65	6.65	13.00	5.25
Oil Sassafras, Artif. ....	.44	.44	.45	.42	1.00	.26
Benzaldehyde, U.S.P.	1.50	1.50	1.50	1.40	5.15	1.50
Coumarin	4.50	4.50	4.50	3.30	31.00	3.10
Methyl Salicylate, Cans...	.47	.47	.47	.41	1.00	.50
Vanillin .....	.40	.40	.40	.45	.95	.29
Average	2.19	2.17	2.18	2.12	6.83	2.05

The feature of the essential oil market during the past week has been the firmness shown in oil peppermint with the downward trend of Italian oil orange playing a secondary role. Actual buying for consumption was probably slower than the period just preceding. However, the market is well maintained and stocks are none too plentiful with the possible exceptions of oils anise, lemon, and orange. Price movements on spot have been few. Price shading induced by competition and pressure to sell, is becoming balanced by the nearness of the usual fall activity. Aromatic chemicals show little stability, and trading in that field is on a hand-to-mouth basis with the exception of terpineol. The impending trouble between Italy and Greece has caused an easier position in exchange and correspondingly cheaper offerings of Messina oils. Bullish news during the past week has been conspicuous by its absence. The tendency for buyers to hold back until they actually need the goods, however, is developing a potentially firm market on spot. Oil camphor, Japanese, unchanged in spite of the disaster in Japan. New crop of caraway has firmed up owing to strength of seed. Oil citronella is quoted at 68c@70clb. as to seller. Oil sassafras, natural, is scarce.

Oil Anise—Quoted easy at 50c@52½clb. spot for U. S.P. and 45c@47½clb. spot for technical with tendency to lower figures.

Oil Bay—Little activity is reported in this item. Named at \$2.60@2.70lb. spot.

Oil Bergamot—Coppers held at \$2.60@2.70lb. spot with some sellers naming \$2.65lb. inside. Trading is within narrow lines.

Oil Bois de Rose—Quoted lower at \$2.40@2.50lb. spot with tendency to lower figures owing to the recent decline of the franc.

Oil Camphor—Heavy quoted firm at 12½c@13½clb. spot. Japanese white unchanged at 13½c@15clb. spot in spite of the recent catastrophe in Japan.

Oil Caraway—Quoted lower at \$6.50@7.00lb. spot with little possibility of a sudden break owing to strength of seed. New crop oil is being held at \$5.00lb. c.i.f. New York.

Oil Cassia—Firm on spot at \$3.15@3.25lb. for redistilled material. A report was heard that offerings for shipment will in all probability ease off in the near future.

Oil Cedar Leaf—Named at \$1.05@1.10lb. spot with some houses holding to \$1.10 inside.

Oil Citronella—Ceylon generally quoted at 69c@70clb. spot for drums and 72c@73clb. for tins with some firms holding inside at 70clb., and one house naming as low as 68clb. spot for drums. Demand at the moment is small, although no accumulation of stocks has been noted. The oil that has been received lately has varied considerably as to quality. Exports from Ceylon from January 1 until July 8 were 667,309 pounds, compared with 634,358 pounds during same period in 1922. Of the total amount, United States has received 452,580 pounds; England, 140,699; France, 21,658; and Germany, 10,329 pounds. Java unchanged at 85c@90clb. spot for drums.

Oil Cloves—Quoted on spot at \$2.10@2.20lb. for cans, and \$2.15@2.30lb. spot for bottles. One dealer says that there is little profit at this price. Competition keen.

Oil Cubebs—Higher at \$5.75@6.00lb. spot.

Oil Eucalyptus—Quoted firm though quiet at 52½c lb. spot for drums, and 55c@60clb. spot for cases. One factor in the trade is looking for better consumption of this item owing to the high prices asked for menthol. London is naming 2s 2d per pound. Last week saw 10 drums entered at New York.

Oil Geranium—Bourbon higher at \$7.00@7.50lb. spot owing to higher shipment figures. The lower franc has not affected this item, apparently. African at \$8.00 @ \$8.50lb. spot.

Oil Lemon—Italian quoted lower at 70c@85clb. spot owing to small demand and lower exchange. London is quoting 2s 9d per pound. American is quoted nominally at 75c@80clb.

Oil Mustard—Artificial has advanced and now quoted at \$2.40@2.50lb. spot owing to scarcity and the recent withdrawal of the American producer from the market.

Oil Orange—Italian lower at \$3.25@3.75lb. spot as to seller and quantity with tendency to lower figures. Primary market unsettled owing to war clouds hovering over Italy and Greece. West Indian named at \$2.50 @ \$2.60lb. spot. American quoted nominally at \$3.15@ \$3.25lb. spot.

Oil Pennyroyal—One factor says that imported is both scarce on spot as well as for shipment, while another house states that this item is being freely offered at \$1.30lb. c.i.f. New York. Quoted higher at \$1.90@ \$2.00lb. spot.

Oil Peppermint—Has advanced sharply and now quoted at \$3.15@3.25lb. spot for natural, and \$3.35@ \$3.55 for redistilled. One house states that this item is in for a substantial drop. Buying in his estimation is far in excess of consumers' needs. However, sales of lots of 10,000lbs. were reported last week. A sale was also reported to have been made in the country at \$3.15lb.

Oil Sassafras—Natural quoted higher at \$1.30@1.40 lb. spot.

Oil Vetiver—Has advanced and now quoted at \$7.00 @ \$7.50 lb. spot owing to strength in primary market.

Aromatic Chemicals

Amyl Salicylate—Quoted in good supply at \$1.75@1.85 lb. spot.

Citronellol—Named at \$7.00@12.00 lb. as to seller and quantity.

Coumarin—Makers are unchanged at \$4.50@4.65 lb. spot with resales named at \$4.35 lb. Demand has eased off.

Heliotropin—Domestic quoted at \$2.00@2.25 lb. spot, and imported at \$2.25@2.50 lb. Importers report that goods cannot be brought in and sold at a profit owing to the high duty.

Methyl Salicylate—Makers are unchanged at 45 clb. spot for drums, and 47 clb. for cans. Second hands are naming 43c@45 clb. spot.

Terpineol—In good demand at 54c@55 clb. spot for drums, and 58c@60 clb. for cans with possibility of higher figures owing to the present close margin.

Tolu Balsam—Higher at \$2.25 lb. spot in limited supply only.

Among the chemical and allied industries employment, during August, rose in the factories making industrial chemicals and perfumes, and went lower in those making soaps and photographic supplies and in the oil refineries, according to the monthly report issued by Bernard L. Shientag, New York State Industrial Commissioner. A very large drop took place in the manufacture of synthetic dyes and coal-tar products.

B. Sitaramachar, managing director, Essenfluor Products, Ltd., Mysore, India, has been in London during the past month and will come to the United States late this fall. He formerly operated the Mysore Government sandalwood oil factory. Effective Sept. 1, the Essenfluor Products, Ltd., became the sole sales agents and distributors for the two sandalwood oil factories of the Mysore Government.

Imports of toilet articles and perfumery into Hongkong during 1922 amounted to \$309,180, compared with \$301,963 during 1921, and \$280,934 during 1920, according to Consul Leroy Webber, Hongkong. United States leads with \$141,451; France, \$66,688; England, \$35,503; and Japan, \$30,216.

An advance in the imports of essential oils and a decline in the exports in July, 1923, compared with July, 1922, characterized the trade in these commodities. The total imports were valued at \$464,200 and the exports at \$62,210.

F. H. Ungerer, of Ungerer & Co., essential oils, New York, is spending his vacation at Point Breeze Camp, Lake Wentworth, N. H. Mr. Ungerer will return to business about the middle of the month.

P. R. Dreyer, essential oils, New York, has recently returned from an extensive trip abroad. Mr. Dreyer expects to add several new lines to those that he already carries.

Imports of fancy and toilet soap into Hongkong during 1922 amounted to \$179,493, and common soap was valued at \$220,195.

L. H. Carlson, Detroit representative of Ungerer & Co., essential oils, is in New York for a few days.

EXPOSITION SLOGAN IS "AMERICAN CHEMICALS FOR AMERICAN CONSUMERS"

Summary of Features Specially Prepared for Manufacturers Who Depend Upon Chemicals to Carry Out Their Processes—Valuable Exhibits for the Leather, Paper, Rubber and Textile Industries

The slogan of the Chemical Exposition which opens at Grand Central Palace, New York, on Monday next, Sept. 17, will be "American Chemicals for American Consumers." The chemical consuming industries will find exhibits there of every product needed in the various lines which depend upon chemicals to carry out their manufacturing processes. The Technical Association of the Pulp and Paper Industry will hold its fall meeting this year in connection with the 1923 Chemical Exposition, which has been the custom of the association for several years. H. S. Taylor of the Management Engineering and Development Company, Dayton, O., president of the association, will preside. A special appeal to the rubber compounding section of their exhibits at the 1923 Chemical Exposition, has been announced by New Jersey Zinc Co., Magnesia Talc Co., Southern Minerals Corp., Union Sulphur Co. and Texas Gulf Sulphur Co. In addition to the general line of rubber chemicals and machinery which will be shown at the Exposition this year, it is expected that several new accelerators and compounding ingredients will be demonstrated.

As a practical demonstration of the broad area covered by the insecticide and fungicide industries in the United States, a composite group of exhibits in this field has been planned which will be a considerable general interest.

Mathieson Alkali Works will occupy booths 206, 207 and 208, where the company will exhibit a model bleach plant for paper mills, showing the preparation of bleach liquor from liquid chlorine by the Mathieson system. The company will also have cylinders of liquid chlorine, samples of its caustic soda, soda ash, bleaching powder, modified Virginia soda, bicarbonate of soda, benzoate of soda, benzoic acid and coumarin. Literature describing the Mathieson hypochlorite process for refining gasoline and kerosene and booklets covering the uses of Mathieson products in other industries will be distributed. J. W. Boyer, manager of sales and R. J. Quinn, assistant manager of sales, will be in charge of the booths, assisted by E. E. Routh, W. D. Marshall, J. B. Peake, and Philip De Wolf, district sales managers.

An elaborate dyestuffs exhibit showing the products of American manufacturers, will be one of the features of the Exposition. Tests will be made to show that dyes made by American manufacturers are superior to foreign colors not only in variety and hue but also in wearing qualities. In carrying out the tests, officials in charge of the dye exhibit will use laundry machinery to subject textiles dyed with American colors to conditions identical with those operating in everyday use. Women models will wear the dresses subjected to the tests and judges will decide on the merits of the dyes used.

The number of exhibits is estimated at 400. The products to be shown include chemicals, chemical equipment, instruments, containers, general industrial machinery, furnaces, tanks, ceramics, technical and industrial books, dyestuffs, metals, valves, evaporators, filter presses, fertilizers, mills, laboratory equipment and supplies, perfume materials, chemical stoneware, lacquers, medicinal products, belting, porcelain ware, industrial opportunities and raw materials for the chemical industry.

The Foreign Markets

Imports of Drugs and Chemicals, page 719

LOSSES IN JAPAN FELT IN LONDON

Prices of Many Products Advance Owing to Excitement Over Menthol and Camphor—Morphine and Codeine Higher—American Oil Peppermint and Zinc Salts Show Upward Tendency

(Special Cable to Drug & Chemical Markets)

London, Sept. 12—Advances have taken place in several products this week, partly in sympathy with higher prices for Japanese menthol, mint oil, and camphor slabs, and partly because of the statistical position of some raw materials, such as opium. Morphine and codeine are higher. American oil peppermint, camphor, and zinc salts also have advanced.

The market is firmer on carbolic acid, oil cloves, and shellac.

Prices are easier for senega root.

Borax, boracic acid, cod liver oil and ergot are lower.

London, Sept. 1, (By Mail)—Business is improving and as buyers return from the holidays enquiries are more frequent. A feeling is steadily growing that Germany will soon be prepared to open negotiations with France and this prospect is sufficient to out-weigh adverse factors.

Cables received from Smyrna report an advance to 17s6d per lb in opium of new crop on buying from the Far East, and give the impression of a shorter crop than recently estimated. Some put the crop at 2,500 to 3,000 cases but it is too early yet to place any reliance on these figures and from a generally trustworthy quarter the smaller and late arrivals both in Smyrna and Constantinople are explained by the fact that since the War the usual channels of transportation have remained in confusion and that it is probable the earlier forecast of 4,000 cases will yet be reached. In consequence of this sharp advance morphia manufacturers have withdrawn their quotations for the present as a precautionary measure.

Gum tragacanth is in good supply No. 1. at 35s to 40s and No. 2. 30s per cwt.

Gum asafoetida is in good assortment at from 80s to £7 per cwt.

Chamomiles, Belgian, Roman, are coming in slowly and growers are asking higher prices daily on discovering a "bear" position—400s to 450s per cwt. for first pickings.

Citric and tartaric acids and Sicilian essences of lemon and orange are again lower on the drop in exchange.

In heavy chemicals all-round reductions have been made in prices of potash salts, cream of tartar, soda caustic and prussiate of soda. Carbolic acid crystals have eased off further to 1s 1½d per lb. for export in round lots.

Ergot of rye Spanish of new crop is now offering more freely at 1s3d per lb. c. i. f. for sound quality.

Eucalyptus oil—2s2d per lb. is now asked for forward shipment c. i. f., being very firm to higher.

Peppermint oil, U. S. A., in tins is a good market and advancing in sympathy with New York prices, 12s9d per lb. in second hands having been paid.

FOREIGN EXCHANGE

	Par	Current
Great Britain (pound sterling).....	\$4.886	\$4.535
France (franc) .....	.193	.055
Italy (lira) .....	.193	.043
Germany (mark) per hundred	23.80	.00002
Czechoslovakia (crown) per hundred	20.30	.029
Poland (mark) per hundred	23.80	.0004
Japan (yen) .....	.499	.486
Spain (peseta) .....	.193	.134
Holland (guilder) .....	.402	.392
Belgium (franc) .....	.198	.045
Switzerland (franc) .....	.193	.179
Sweden (crown) .....	.268	.266
Denmark (crown) .....	.268	.181
Argentina (peso) .....	.424	.327
Brasil (milreis) .....	.279	.097
China (Silver dollar—Hongkong) .....	.789	.526
(Tael—Shanghai, silver)	1.082	.706
(Tael—Peking, silver)	1.156	.740

CANADIAN DYE IMPORTS FROM UNITED STATES LARGER

Canadian imports of dyeing and tanning materials during June were valued as follows: From Britain \$18,292; United States \$282,383; other countries \$72,672, total \$373,302, compared with imports for June, 1922, from Britain \$14,443; United States \$209,758; other countries \$54,906; total \$279,107.

Imports of aniline and coal tar dyes, included in the above, were as follows: from Britain 17,197 lbs., value \$13,284; United States, 159,675 lbs., value \$116,996; Germany, 16,794 lbs., value \$15,448; Netherlands, 8,911 lbs., value \$6,897; Sweden, 17,774 lbs., value \$10,499; Switzerland, 10,762 lbs., value \$10,657; total 231,833 lbs., value \$173,781; compared with imports for June, 1922; from Britain 10,340 lbs., value \$9,609; United States, 132,568 lbs., value \$87,263; Germany, 6,128 lbs., value \$7,402; Netherlands, 42,520 lbs., value \$33,080; Sweden, 3,200 lbs., value \$4,667; Switzerland, 9,720 lbs., value \$7,363; total 204,476 lbs. value \$149,384.

WOULD STABILIZE TIN PRICES

British tin producing companies, watching enviously the success of the Stevenson scheme in stabilizing rubber prices are anxious to elaborate a similar scheme to stabilize tin prices. While the British empire contains 80% of the world's ascertained tin resources, some 25,000 tons controlled by the Dutch demoralize the market from time to time and have an influence out of all reasonable proportion. So attempts are now being made to bring together the three principal British groups—the Malayan companies with the lowest costs, the Nigerian companies with medium costs and the Cornish tin-mines with the highest costs of all. C. V. Thomas who has extensive holdings in all three groups is the promoter of the idea.

Fur sales at Montreal drew 250 buyers. The volume of furs offered by Canadian Fur Auction Sales Co., was three times the number offered in 1921 and 60 per cent greater than in 1922.

Import duty on crude iodine into France from United States has been reduced and is now 500 francs per 100 kilos, according to Trade Commissioner F. E. Breithut, Paris.

FRENCH NOT TO SELL SEIZED DYES HERE

Recent fears of American dye manufacturers that the surplus dyes seized by the French last spring would be dumped into the American market have been allayed by assurances from France that American interests would be protected in the disposal of these dyes. Representations made to France by the State Department at the request of the Organic Synthetic Chemical Manufacturers' Association have been successful.

The surplus of dyes for disposal by the French total approximately 3,500 tons. Seizure of 7,000 tons was made on May 15, 1923, half of which was diverted to British, Italian, Belgian and French reparations accounts. Early reports were to the effect that the surplus dyes would be sold at auction and later reports at private sale. Details of the disposal, however, have been obscure. The effect on the domestic dye industry of dumping or offering the dyes for sale at low prices would have proved disastrous to many small dye manufacturers, particularly at this time. With the interest of the American dye producer in view, the Synthetic Organic Chemical Manufacturers' Association stated its case to the State Department with the request that that department take steps to protect the American industry. The letter to the State Department says in part:

"Such sales could have an even more serious effect in that the American dye producer might be forced to discontinue not only the sale but the manufacture of certain of his products. In the case of a small manufacturer producing a restricted line of high-class products, such an importation would mean financial ruin—he would simply cease to exist. It is not the desire of the dye manufacturers in this country to deprive the American dye consumer of any and all dyes which are not obtainable here at reasonable terms."

PYRIDINE PRICE MOUNTS STEADILY

While most chemicals have been holding their own or showing steady declines in prices during the last few months, pyridine supplies have been growing very scarce and the price has been advancing steadily. Demand has shown no large increase but owing to the difficulty in obtaining supplies, demand is apparently much greater than when conditions were normal.

The reason for the present shortage may be attributed directly to the French occupation of the Ruhr district. Before the French took steps to force reparations payments from Germany, pyridine was selling for about \$1.40 per gallon. Shortly after the Ruhr occupation, and the subsequent curtailment of production and closing of plants in the Ruhr, pyridine shipments from Germany dropped off. With this supply cut off consumers in the United States were compelled to depend entirely upon English production, since few plants in the United States are equipped to produce and refine pyridine. Demand naturally exceeded supply and prices gradually rose since the first of the year from about \$1.50 per gallon up to present quotations of \$4.50 to \$5.00 per gallon. Supplies are difficult to obtain and each week finds producers and sellers in England naming higher prices.

Consumption of pyridine is mainly for denaturing alcohol for automobile "anti-freezing" solutions. The season for producing these mixtures is at its height and many manufacturers have found the scarcity of pyridine a stumbling block. American producers of coal tar products no doubt will be encouraged to re-enter the field in competition with the English with prices at present levels. The uncertainty of the French-German situation, however, has had a deterrent effect.

GERMAN AND AMERICAN DYE INTERESTS UNITE TO CONTROL WORLD TRADE

Badische Shares Purchased by Companies in United States and England—Formulas of Important German Dyes May Now Be Used By Americans—Other German Companies Seek Foreign Capital.

A cablegram from Berlin announcing the purchase of a majority interest in the stock of Badische Anilin- und Sodafabrik by foreign investors, including British and American dye manufacturers, aroused unusual interest in industry in this country. The statement is interpreted to mean a coalition of German and foreign industrialists with a view to producing German dyes in Great Britain and the United States. The purpose of the British interests is said to be to control certain products, other than aniline dyes, while the American company, which is credited with being one of the purchasers of Badische stock, is interested in controlling dye formulas not used by the German cartel since the war in order to avoid supplying the more important dyes to the French and English in the way of reparations.

Purchases also, of stock of Elberfelder Farbenfabriken by foreign interests are reported. The purpose of these purchases, apparently, was the control of the company's output of "Bayer 205," the new sleeping sickness cure introduced principally into tropical countries, says the "Daily News Record." The possession of these shares also gives their owners control of the dye output of this company.

Another transaction in German chemical stocks is the purchase of the stock of the AGFA Aktiengesellschaft fuer Anilinfabrikation, of Berlin, manufacturer of raw negative film, of which the AGFA is the largest German producer, and the holder of important patents. The company is at present practically the only large German dye producer which remains unaffected by occupation troubles, by export or import embargoes, and by labor controversies which have recently been playing havoc with Friedrich Bayer & Co., of Ludwigshafen, and Hoechst Farbwerke, near Frankfurt.

Tentative negotiations were opened some time ago between British and German dyestuff interests with a view to an arrangement similar to that made between German and French dyestuff firms, but insistence from the British side on the absolute independence of the British industry brought them to an end. The London "Chemical Age" says that Sir William Alexander, chairman of the British Dyestuffs Corp. said he knew nothing about the reported action on the part of the British dyestuff interests.

According to a cable dispatch from Assistant Trade Commissioner H. Bentley MacKenzie, of Mexico City, received by the Department of Commerce, glass bottles and demijohns of all kinds are exempt from Mexican export duty. Formerly there was a duty of 0.01 peso per gross kilo.

Germany's dyestuff exports increased very slightly, while miscellaneous chemical and pharmaceutical products decreased by 17 per cent, during the first five months of French occupation of the Ruhr, writes Commercial Attache Herring, Berlin.

Imports of disinfectants into Hongkong from the United States during 1922, were valued at £752; England £5,790; and Japan, £3,910, according to Consul Leroy Webber, Hongkong.

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Leather Chemicals

SODIUM SULFIDE EASY ON SLOW DEMAND

Bichromates in Slightly Better Demand—Prussiates of Soda and Potash Easier—Animal and Fish Oils Firmer—Imports of Tanning Materials Large

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic	\$3.38	\$3.38	\$3.38	\$2.67	\$17.00	\$1.50
Acid, Formic .....	.12	.12	.12	.18	1.50	.07
Acid, Lactic, 22% .....	.05	.05	.05	.05	.07	.02
Potassium Bichromate .....	.10	.10	.10	.07	.65	.06
Epsom Salt, tech.	1.80	1.80	1.80	1.70	3.75	1.00
Sodium Prussiate .....	.14	.14	.13	.22	1.25	.18
Soda Ash, 58%	1.45	1.45	1.45	1.45	4.10	.69
Sodium Bichromate .....	.07	.07	.08	.06	.45	.04
Sodium Hyposulfite	2.75	2.75	2.75	3.10	3.75	1.30
Sodium Sulfide, 60% .....	.04	.04	.04	.03	.10	.02
Average .....	.990	.990	.990	.955	3.267	.528

With business more or less spotty in the tanning industry, demand for leather chemicals is restricted to actual requirements and few tanners are willing to anticipate their wants. Some improvement over summer buying has been reported but purchases are small and spasmodic. The total volume over a week or a month has been gaining steadily, but the former carlot business has given way to truck and express business. Orders coming in are usually accompanied by requests for immediate delivery. Prices have been holding fairly steady. Sodium sulfide is a weak item and prices cover a range according to seller, quantity and quality. Quality seems to be a disturbing factor in much of the material offered at present prices. Bichromates are moving a little better while prussiates are slow and easier in price. Animal oils have strengthened considerably. Cod oil is reported scarce this year owing to labor scarcity in the fishing banks. Tanning extracts are moving slowly. Imports of tanning materials, however, have been coming in freely and in large quantities during the past month.

Acid, Acetic—Demand continues along moderate lines and prices are holding steady at recent levels. Makers quote 28% at \$3.38@3.63 as to quantity in barrels; 56%, \$6.75@7.00; 70%, \$8.38@8.63; Glacial, \$12.78@13.53.

Acid, Formic—Moderate quantities are moving former quotations of 12c@14c. for imported according to quantity.

Acid, Lactic—Demand continues to show a gradual improvement. Prices are steady with 22% dark at 4½c@5c. and light at 5½c@6c.; 44% dark at 9½c@10c., and light, 11½c@12c., 66%, 16c.

Arsenic—Red sulfide supplies are limited and are offered at 15c@15½c.

Epsom Salt—Prices are subject to shading owing to the limited demand. Makers are quoting U.S.P. at \$2.15 @ \$2.50 as to quantity. Imported is named at \$1.75 @ \$2.00. Technical quoted at \$1.80 @ \$2.00 for domestic and imported selling at \$1.00 and under.

Extracts—Buying is limited to actual requirements and trading has been slow. A few items have begun to move in better volume and the outlook is more promising. Imports of tanning materials have been coming in freely; over 1000 tons of logwood arrived at Philadelphia last week. Quebracho is moving well at 3c@3½c.; chestnut is subject to shading 2c@2½c.;

hemlock, 3c@3½c.; logwood, 7c@12c.; myrobalans, 4c@5c.; sumac, 7c@9c.

Formaldehyde—Resale lots are in evidence and prices continue easy with offerings at 13c@14c. according to seller.

Oils—Animal oils have strengthened and are quoted at higher levels owing to the rise in tallow. Neatsfoot, 20°, is higher at 16½c.; degreas, 3¼c@4c. Vegetable oils are firmer though buyers are still conservative. Cod oil appears stronger with old catch of Newfoundland well sold and new catch reported small. Sellers quote 65c per gallon. Menhaden is steady at 40c gallon in tanks.

Potassium Bichromate—Prices are generally named at 10c. though a few sellers will accept business at 9½c. and on firm business 9¼c. is reported possible. Demand is described as showing improvement.

Potassium Prussiate—The yellow is inclined to be easy with sellers willing to shade 25c. for shipment. Spot prices range from 30c@32c. according to seller.

Soda Ash—Makers report a steady volume of business which is expected to increase steadily during the next few months. Prices are steady with makers quoting contracts at \$1.45@1.50 for 58% in bags at works. Dealers quote \$2.00 in bags and \$2.25 in barrels, ex-warehouse.

Soda, Caustic—Domestic consumption continues steady and showing signs of improvement. Makers continue to quote contracts at \$3.16½ for 76% solid in drums at works. Less than carlots quoted by makers and dealers at \$3.70, ex-warehouse. Export demand is quiet with prices holding at \$3.15@3.25.

Sodium Prussiate—The market has fallen back a trifle and imported material is reported at 13¼c@14c. Domestic makers quote 14c., freight allowed to New York. Improved demand has been noted.

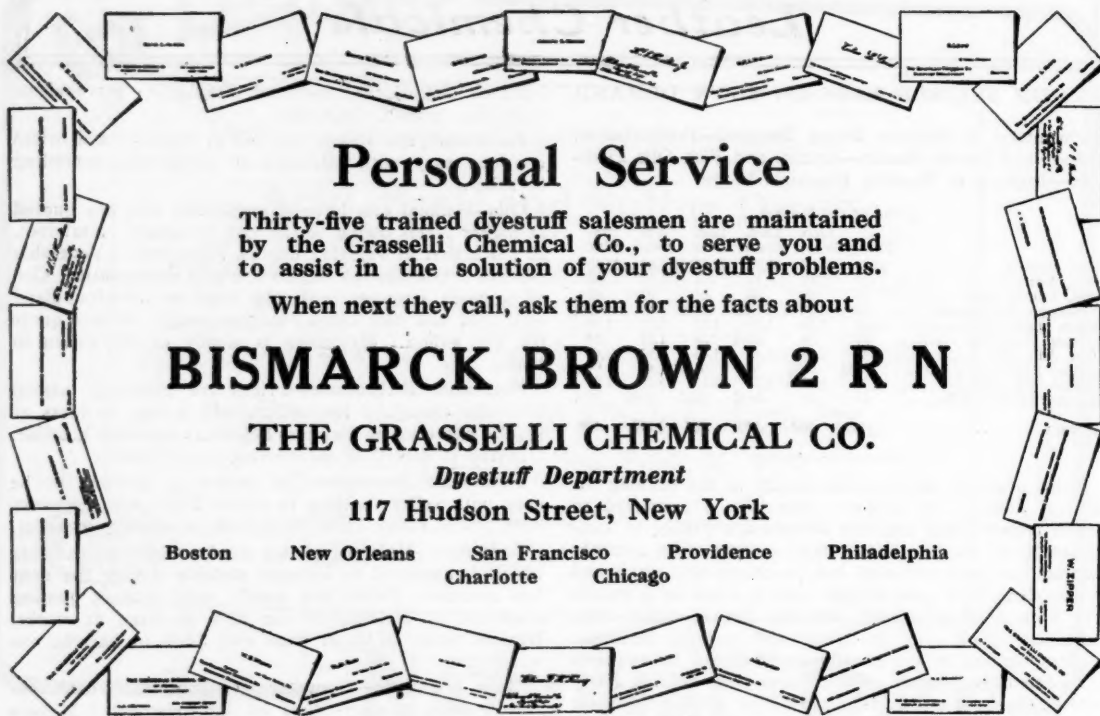
Sodium Sulfide—The market is easy with supplies abundant and buyers showing little interest. Crystals are offered at 2c@2½c.; solid, and broken 60%, from 3c@3½c. for imported to 3¼c@5c. for domestic.

Suede calf leather has been in active demand and one manufacturer has increased his output 100 per cent during the past month. Demand for grain finished calfskin for men's shoes has improved as a result of the settlement of labor disputes in the New England factories.

Fire destroyed Uber Brothers' tannery, Hartford, Wis., causing \$90,000 loss. Sheepskins and hides valued at \$60,000 were lost. The building was valued at \$30,000.

OTHER TANNING AND LEATHER MATERIALS

For reports on chemicals, oils, tanning extracts, and other raw materials for the leather industries not reported on this page, see the general market reports on the thirteen preceding pages. For the current market quotations on chemicals and allied products, with specifications and packing, see price list beginning on fifth page toward the back of the book. Prices are for goods f.o.b. New York or works for prompt shipment unless otherwise specified. Read full explanation on first page of price quotations.



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Paper Chemicals

BLEACH AND CHLORINE CONTINUE EASY

Prices Uncertain for Last Quarter of Year—Demand for Chemicals Not Up to Expectations—Stocks Fair in Consumers' Hands—Prices Generally Steady and Firm

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aluminum Sulfate	\$2.40	\$2.40	\$2.40	\$2.25	\$5.50	\$1.50
Blanc Fixe	75.00	75.00	80.00	80.00	95.00	45.00
Bleaching Powder	1.75	1.75	1.75	1.60	9.50	1.50
Casein	15½	15½	16	15	28	20
China Clay, Dom.	10.00	10.00	10.00	15.00	25.00	8.00
Chlorine .....	.05	.05	.05¼	.05	.30	.08
Salt Cake	22.00	22.00	24.00	20.00	80.00	11.00
Satin White .....	.01¼	.01¼	.01¼	.02	.05	.03
Sodium Silicate, 40° ..	.80	.80	.80	.95	1.75	2.00
Rosin, F grade	5.90	5.90	5.95	6.40	4.05	20.25
Average	12.00	12.00	12.56	12.64	20.14	6.95

Business in paper chemicals has been confined to actual requirements and improvement in buying has failed to develop according to expectations. Many mills are still reported to be running on stocks bought earlier in the year. These consumers are, therefore, expected to soon be in the market for supplies and contracts for future deliveries. Mills are said to be operating about sixty per cent of capacity but the outlook is promising for a rapid increase in demand during the next few months. Bleaching powder and chlorine are still unsettled and prices are whatever sellers care to quote. Prices are expected to become firmer but there is still an uncertainty about prices for contracts for the last quarter of the year. Chlorine is subject to keen competition and prices are unsteady. Salt cake is offered at a range of prices slightly below recent quotations. Aluminum sulfate is unchanged in price. Rosins have been very quiet.

Acid, Muriatic—Stocks are in good supply and demand is showing some improvement. Prices are unchanged with 20° in tanks at \$1.00@1.10 and in carboys \$1.25@1.50; 22° in carboys at \$1.75@2.00.

Acid, Sulfuric—Consumption has been good, especially for oil refining, while other industries are taking fair quantities. Makers continue to quote tanks of 66° at \$15.00@16.00 per ton at works; carlots at \$1.25@1.50; 60° acid is easy at \$9.00@10.00 ton in tanks. Oleum is holding steady under limited supplies at \$18.00@19.00 ton.

Aluminum Sulfate—Makers are quoting iron-free at \$2.40 though contracts are reported possible at \$2.25 on firm orders. Commercial is named at \$1.40@1.45. Demand has not improved greatly but prospects of improvement are brighter.

Blanc Fixe—Consumers are only taking actual requirements and buying is slow. Prices hold at \$75.00@80.00 for domestic. Imported at \$70.00@72.00 ton. Pulp named at \$50.00@55.00 ton at works.

Bleaching Powder—Supplies are offered at \$1.50@1.75 according to seller. Improved demand is expected during the last quarter and prices are expected to stiffen. Contract prices for the third quarter are unsettled owing to present conditions in the market.

Casein—Demand has been slow in getting under way though improvement is looked for before the end of

the month. Imported material is quoted at 16½¢lb. and domestic at 15½¢lb. at works.

China Clay—A revival in buying is looked for since buyers have been inactive for many weeks. Prices holding at \$10.00@15.00 for domestic and \$16.00@22.00 for imported according to quality.

Chlorine—Competition is keeping prices unsettled. Contracts are being placed at present at attractive prices and a strengthening is looked for with improved business during the Fall. Prices range from 4c@5¢lb. as to quantity and container. Spot business at 6c@9¢lb. as to quantity.

Salt Cake—Supplies are in better shape for expected activity. Prices are named at \$22.00@25.00 per ton according to seller and quantity.

Satin White—Prices are holding steady under restricted buying. Makers are quoting \$1.45@1.50.

Sodium Silicate—Routine demand with prices steady. Producers quote 40° in tanks at 70c and \$1.30 in drums on spot; 60° at \$1.75@1.90.

Rosin—Buyers are showing little interest at present but enough business is passing to keep prices steady. B, \$5.75; D to K, \$5.90; M, \$6.00; N, \$6.25; WG, \$6.75; WW, \$7.25.

Paper manufacturers in Finland complain that the market prices for most kinds of paper have fallen so low that they do not meet the costs of production, and machines in seven of the mills have been shut down, says Consul L. A. Davis, Helsingfors, in a report to the Department of Commerce. The low prices in the world markets have resulted also in the reduction of prices in the domestic market. The price for newsprint has been reduced and there have also been reductions in the prices of other grades of paper.

Vegetable parchment, a chemical product made chiefly of cotton cellulose combined with a small percentage of bleached sulfite, is a valuable food product wrapper. It is used for wrapping products to retain moisture, flavor and odor.

A strike during August caused reductions in employment in the pulp and paper industry, says Industrial Commissioner Bernard L. Shientag, in his report on conditions in New York state.

Sweden produces more than one-half of the chemical pulp entering international commerce.

One-seventh of all paper manufactured is used for wrapping purposes.

OTHER PULP AND PAPER MATERIALS

For reports on chemicals, bleaches, fillers, and other raw materials for the pulp and paper industries not reported on this page, see the general market reports on the thirteen pages immediately preceding LEATHER CHEMICALS. For current market quotations on chemicals and allied products with specifications and packing, see price list beginning on fourth page toward the back of the book. Prices are for goods f.o.b. New York or works for prompt shipment unless otherwise specified. Read full explanation on first page of price quotations.

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Rubber Chemicals

BENZENE LOWER FOLLOWING RECENT GASOLINE CUT IN MIDDLE-WEST

Carbon Black Firm Though Quiet—Acetic Acid Steady—Acetone Active—Hexamethylene Easy—Rubber-makers' Sulfur Firm—Talc in Good Supply—Sulfur Chloride Active—Imports at New York Light

	Trend of the Market				War Peak	Pre- War
	Today	Last Week	Last Month	Last Year		
Carbon Black	\$.16	\$.15	\$.18	\$.15	\$.40	\$.04
Carbon Bisulfide .....	.06	.06	.06	.06	.50	.10
Carbon Tetrachl. ....	.09	.09	.09	.09	.70	.07
Benzene, Pure .....	.24	.23	.25	.30	1.10	.25
Antimony Sulfide Crim. ....	.39	.36	.36	.35	.45	.35
Talc, Dom., Ref.	18.00	18.00	18.00	20.00	40.00	15.00
Whiting, Dom.	14.00	14.00	14.00	18.00	30.00	11.00
Zinc Oxide, Amer. ....	.08 3/4	.08 3/4	.08 3/4	.07	.09 1/2	.09
Lithopone .....	.07	.07	.07	.06	.08	.04
Sulfur	3.05	3.05	3.00	2.50	6.50	2.75
Average	3.534	3.541	3.537	4.158	7.982	2.969

Consumption of rubber chemicals during past week has been small, and the appearance of resale lots of a few items has tended to keep prices down. Buyers are covering for immediate needs only, and a slight increase in sales of finished products will tend to cause a broadening of inquiry. Contracts are now being placed for chemicals that are used in making rubber substitutes. Only limited quantities of low priced items are being held, and when demand becomes more active, these supplies are expected to be used up rapidly. Carbon black is holding firm in a quiet market. Resale lots of hexamethylene are quoted at 90clb. spot. The reduction in gasoline in the Middle-West has finally reached the East, thereby causing an easier position in benzene. Acetone is firm and scarce. Imports of compounding materials during past week have been light, when compared with some previous weeks. Aniline oil was reported to have been reduced, but could not be confirmed.

Acid, Acetic—Demand continues along moderate lines and prices are holding steady at recent levels. Makers quote 28% at \$3.38@ \$3.63 as to quantity in barrels; 56%, \$6.75@ \$7.00; 70%, \$8.38@ \$8.63; Glacial, \$12.78@ \$13.53.

Acetone—Demand active with supplies passing directly into consumption. Quoted at 30c@32clb. spot for C.P., and methyl acetone firm at \$1.15@ \$1.20 gal. spot as to quantity.

Aniline Oil—Reports were heard of a reduction in this item but on further investigation two of the largest producers stood "pat" at the usual price of 16c@17clb. works as to quantity. Spot quoted at 17c@18clb.

Aluminum Silicate—Quoted at 5c@6clb. spot.

Antimony Sulfide—Quoted easy at 19c@24clb. spot for golden as to quality, and 39c@50clb. spot for crimson. Demand routine.

Asbestine—Named same as last week at \$18.00@ \$20.00 ton works.

Benzene—Has declined and now quoted at 22c@23c gal. works for 90 per cent material for tanks and 27c@29c gal. for drums. Pure also lower at 24c@26c gal. for tanks and 29c@32c gal. for drums. Production is ample for all needs with a tendency to accumulation providing export does not pick up in the near future.

Blanc Fixe—Named at 4c@4 1/2 clb. f.o.b. New York.

Carbon Bisulfide—Quoted on spot at 6c@7 1/2 clb.

Carbon Black—Market reported firm though quiet at 16c@18clb. spot as to quantity, and contracts at 14c@16clb. Compressed named at 17c@18clb. spot with contracts at 15c@17clb. Increase in demand is expected to overtake any accumulation that might have been caused by the operation of new plants.

China Clay—Imported moving along steady lines at \$18.00@ \$24.00 ton as to quantity, and domestic named at \$13.00@ \$20.00 ton as to quality at points of production.

Dimethylaniline—Quoted at 41c@42clb. works as to quantity.

Diphenylguanidine—Makers report quiet market at \$1.15@ \$1.20lb. spot as to quantity.

Hexamethylene—Easy at 95c@97 1/2 clb. spot as to quantity with resales named at 90clb. spot.

Iron Oxide—Unchanged at 3 1/2 c@14clb. spot as to quantity.

Lithopone—Demand along routine lines at 7c@7 1/2 c lb. works.

Magnesium Carbonate—Spot goods named at 8c@8 1/2 clb.

Magnesium Oxide—Quoted in good supply at 5c@5 1/2 clb. spot.

Mineral Rubber—Named at \$40.00@ \$50.00 ton for 300/315 quality.

Sulfur—Rubbermakers' quality named at \$3.05@ \$3.30 per 100lbs. as to quantity; superfine at \$2.50@ \$2.90 per 100lbs.; and chloride at 6c@7clb. spot.

Talc—Supplies are ample for present needs. Quoted at \$15.00@ \$18.00 ton for domestic; French, \$20.00; high-grade French, \$40.00; and Italian, \$47.00@ \$58.00 ton as to quality.

Thio Carbanilide—Quoted at 30c@35clb. spot.

Vermilion—English named at \$1.30@ \$1.35lb. spot.

Whiting—Domestic quoted at \$15.00@ \$18.00 ton works; gilders' bolted, \$1.10 per 100lbs.; and English cliffstone, \$1.50.

Three of the eight addresses to be delivered before the rubber division of the American Chemical Society national meeting at Milwaukee beginning Sept. 10, will be on the chemical action of accelerators in the vulcanizing of rubber.

Seiberling Rubber Co., Newcastle, Pa., has closed the plant for an indefinite period with the possibility of resuming business the first of the year, according to M. W. Keith, manager.

OTHER COMPOUNDING INGREDIENTS

For reports on chemicals, solvents, fillers, vulcanizing compounds, colors, and other raw materials for the rubber industries not reported on this page, see the general market reports on the thirteen pages immediately preceding LEATHER CHEMICALS. For current market quotations on chemicals and allied products with specifications and packing, see price list beginning on third page toward the back of the book. Prices are for goods f.o.b. New York or works prompt shipment unless otherwise specified. Read full explanation on first page of price quotations.

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**GLASS, SOAP, PAPERMAKERS,
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Textile Chemicals

LITTLE CHANGE IN TEXTILE CHEMICALS

Buying Still Restricted to Immediate Requirements—Prospects for Future More Encouraging—Bleaching Powder Continues Weak—Caustic Potash Firmer—Prussiates Easier

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic, 28%.....	\$3.38	\$3.38	\$3.38	\$2.67	\$17.00	\$1.50
Acid, Oxalic .....	.12	.12	.12	.12	.70	.07
Ammonia Alum	3.50	3.50	3.50	3.25	7.75	1.75
Bleaching Powder	1.75	1.75	1.75	1.60	9.50	1.50
Epsom Salt, U.S.P.....	2.15	2.15	2.25	2.25	4.25	1.50
Glauber's Salt	1.30	1.30	1.35	1.25	2.50	.80
Potash, Caustic, Imp.....	.07	.07	.07	.08	.87	.12
Potash Permanganate .....	.18	.18	.17	.14	4.10	.08
Soda Ash, 58%.....	1.45	1.45	1.45	1.45	4.10	.69
Soda Caustic, 76%.....	3.16	3.16	3.16	3.16	9.50	1.80

Average 1.722 1.722 1.721 1.600 6.027 .922

While there is a better feeling concerning the future in textile chemicals, the present volume of business is confined to immediate requirements. General industrial conditions point to a resumption of business during the next few weeks but consumers are hesitant about making purchases until they are sure of better business. The recent reports on the cotton crop have stimulated buying and this indicates a resumption of mills which have been closed during the summer months. The Japanese catastrophe has been the subject of discussion, especially as to its effect upon the silk manufactures of this country. Chemical prices have maintained a steady tone except for the weakness in bleaching powder. Alkalies have been a steady feature.

Acid, Acetic—Demand continues along moderate lines and prices are holding steady at recent levels. Makers quote 28% at \$3.38@3.63 as to quantity in barrels; 56%, \$6.75@7.00; 70%, \$8.38@8.63; Glacial, \$12.78@13.53.

Acid, Muriatic—Stocks are in good supply and demand is showing some improvement. Prices are unchanged with 20° in tanks at \$1.00@1.10 and in carboys \$1.25@1.50; 22° in carboys at \$1.75@2.00.

Acid, Oxalic—Demand is inactive and prices inclined to be easy. Makers quote 12clb. at works. Imported held at 12c@12¼clb. spot.

Acid, Sulfuric—Consumption has been good, especially for oil refining, while other industries are taking fair quantities. Makers continue to quote tanks of 66° at \$15.00@16.00 per ton at works; carlots at \$1.25@1.50; 60° acid is easy at \$9.00@10.00 ton in tanks. Oleum is holding steady under limited supplies at \$18.00@19.00 ton.

Bleaching Powder—Supplies are offered at \$1.50@1.75 according to seller. Improved demand is expected during the last quarter and prices are expected to stiffen. Contract prices for the third quarter are unsettled owing to present conditions in the market.

Epsom Salt—Prices are subject to shading owing to the limited demand. Makers are quoting U.S.P. at \$2.15@2.50 as to quantity. Imported is named at \$1.75@2.00. Technical quoted at \$1.80@2.00 for domestic and imported selling at \$1.00 and under.

Glauber's Salt—While supplies have only been moderate demand has not been active enough to cause a

scarcity. Makers are holding prices steady at \$1.40@1.75 for U.S.P. material and \$1.30@2.00 for technical according to quantity.

Potash, Caustic—Offerings from Germany are not plentiful and prices have firmed up with quotations at 7¼@7½clb. on spot. Domestic material is held at 9c@9½clb.

Potassium Bichromate—Prices are generally named at 10clb. though a few sellers will accept business at 9½clb. and on firm business 9¼clb. is reported possible. Demand is described as showing improvement.

Soda Ash—Makers report a steady volume of business which is expected to increase steadily during the next few months. Prices are steady with makers quoting contracts at \$1.45@1.50 for 58% in bags at works. Dealers quote \$2.00 in bags and \$2.25 in barrels, ex-warehouse.

Soda, Caustic—Domestic consumption continues steady and showing signs of improvement. Makers continue to quote contracts at \$3.16½ for 76% solid in drums at works. Less than carlots quoted by makers and dealers at \$3.70, ex-warehouse. Export demand is quiet with prices holding at \$3.15@3.25.

Sodium Bichromate—Makers are taking on business at 7¼c@8clb. according to quantity. Buying interest has improved and the outlook for the Fall is reported encouraging.

Sodium Prussiate—The market has fallen back a trifle and imported material is reported at 13¼c@14clb. Domestic makers quote 14clb., freight allowed to New York. Improved demand has been noted.

Sodium Sulfide—The market is easy with supplies abundant and buyers showing little interest. Crystals are offered at 2c@2¼clb.; solid, and broken 60%, from 3c@3½clb. for imported to 3¼c@5clb. for domestic.

Starches and Dextrines

Occasionally a buyer comes in for a carlot but most purchases are for small lots for immediate needs. The next month is expected to see a general improvement. Prices are holding steady at recent levels. British gum named at \$3.99@4.09; corn dextrine, \$3.65@3.75; canary, \$3.69; powdered starch, \$3.29@3.32; pearl, \$3.12 potato, 4½c@5clb.; tapioca flour, 4c@5¼clb.

Coal-Tar Dyes

Dyes are being neglected until textile mills resume operations on a larger scale. Many mills have been buying cotton and when business gets under way again demand for dyes is expected to begin as suddenly as it stopped last Spring. Wool dyes are in moderate demand. Cotton colors are continuing quiet.

OTHER TEXTILE MATERIALS

For reports on chemicals, oils, fillers, finishing compounds, bleaches, and other raw materials for the textile industries not reported on this page, see the general market reports on the thirteen pages immediately preceding LEATHER CHEMICALS. For current market quotations on chemicals and allied products with specifications and packing, see price list beginning of next page toward the back of the book. Prices are for goods f.o.b. New York or works for prompt shipment unless otherwise specified. Read full explanation on first page of price quotations.

Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

CLASSIFICATION—Prices quoted herein are listed in the following groups: **Chemicals**, including heavy and technical chemicals, fine and medicinal chemicals, aromatic chemicals and isolates, crudes and intermediates from coal-tar, various fine alkaloids, and miscellaneous products; **Crude Drugs, Essential Oils**, including oleoresins; **Fatty Oils**, including Animal, Vegetable and Fish Oils, Greases, Fats, and Tallow; **Tanning and Dye Extracts**, including miscellaneous natural tanning woods, extracts, etc. All groups are arranged in straight alphabetical order.

Packages—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

QUOTATIONS—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical product are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available, and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan

District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic-made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

WEIGHTS AND MEASURES—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20	American Gallons
1 American Gallon	— .833	Imperial Gallon
1 American Gallon	—3.79	Liters
1 Liter	— .264	American Gallon
1 American Gallon (Water)	—8.35	Pounds
1 Pound (Avoirdupois)	— .454	Kilograms
1 Kilogram	—2.20	Pounds

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Chemicals

ACETANILID , tech. 150 lb bbls. D	.27	.33	ACID, Carbolio —(Continued)			Acid, hydrofluoric —(continued)		
100 lb kgs. D	.33	.30	Crude, 25% 50 gal. bbls. gal	.35	.38	60% 100 lb chy. wks. D	...	.14
USP 200 lb bbls. D	.32	.33	10%, 50 gal. bbls. gal	.30	.32	60% 300 lb dr. wks. D	...	.13
Second Hands	.31	.32	Chloroacetic			White Acid, 100 lb chy. wks. D	...	.26
Acetic Anhydride, 85% 400 lb drs. D	...	.38	mono 100 lb bbls. wks. D	...	.30	White Acid, 10 chy. wks. D	...	.25
85%, 107 lb chy. D	...	.38	DI, 150 lb chy. wks. D	...	1.00	Hydrofluosulfic , 35% 450 lb bbls.		
92-95% 100 lb chy. D	.43	.45	Tri, 425 lb bbls. wks. D	...	2.45	wks. D	.10	.12
Acetone , CP 700 lb drs. c/l wks. D	...	.35	Chlorosulfonic , 1500 lb drs.			Hypophosphorous , USP 30% 5		
700 lb drs. lc/l wks. D	...	.25 1/4	wks. D	.15	.16	gal. dems. D	...	.95
350 lb drs. lc/l wks. D	...	.25 1/4	Chronic , USP 200 lb drums. D	...	.40	USP, 10% 5 gal. dems. D	...	.32
Second Hands, spot. D	.30	.32	85% Pure, 200 lb drums. D	...	.35	LACTIC , 22% dark 500 lb bbls. D	.04 1/4	.05
Acetone Oils , light, bbls. wks. gal	1.00	1.05	Chromotropic , 300 lb bbls. D	...	1.25	22% light, bbls. D	.05 1/4	.06
Heavy, bbls. wks. gal	1.00	1.05	Chrysophanic , see Chrysophanic			44% dark, bbls. D	.09 1/4	.10
Acetophenetidin , 150 lb bbls. D	1.85	1.90	Cinnamic , 5 lb cans. D	...	3.93	44% light, bbls. D	.11 1/4	.12
Acetyl Chloride , 100 lb chy. D	.40	.41	CITRIC , USP cryst 230 lb bbls. D	...	.49	66% bbls. D	...	.16
ACID , 1, 2, 4, 250 lb bbls. D	...	1.30	Food, USP 200 lb bbls. D	...	.50	USP IX 100 lb chy. D	.70	.75
Acetic , 25%, 400 lb bbls. c/l			Imported, cryst. 112 lb kegs. D	.49	.50	USP VIII 100 lb chy. D	...	.70
wks. 100 lb D	...	3.35	Single kegs. D	.49	.50	Laurent's , 250 lb bbls. D	...	.90
28%, lc/l wks. 100 lb D	...	3.63	Cleaves , 250 lb bbls. D	1.00	1.10	Metanilic , 250 lb bbls. D	.60	.65
56%, c/l wks. 100 lb D	...	6.75	Cresylic, 95% dark dr. NY. gal	.70	.75	Mixed , sulfuric-nitric		
56%, lc/l wks. 100 lb D	...	7.00	97-99% straw, drs. wks. gal	...	...	Drums, wks. D	N Unit	.07 1/4
70%, bbls. c/l wks. 100 lb D	...	8.35	97-99% pale, drs. NY. gal	.85	1.00	Drums, wks. D	.8 Unit	.01
70%, lc/l wks. 100 lb D	...	8.63	97-99% decolor. drs. wks. gal	.73	.85	Tank cars, wks. D	N Unit	.07 1/4
80% coml. bbls. c/l wks. 100 lb D	...	9.53	Crude, spot, drums. gal	...	.70	Tank cars, wks. D	.8 Unit	.01
80% coml. lc/l wks. 100 lb D	...	9.83	Diethylbarbituric , 10 lb lots,			Molybdic , 86% pure 1 lb bot. D	1.60	1.70
80% pure bbls. c/l wks. 100 lb D	...	11.41	1 lb bot. D	8.50	10.50	85% pure, 100 lb kegs. D	...	1.85
80% pure lc/l wks. 100 lb D	...	11.60	Formic , 75% tech. 100 lb chy. D	.11	.12	Monosulfonic F, Delta , 50 lb		
Glacial , bbls. c/l wks. 100 lb D	...	12.75	90%, 75 lb chy. incl. D	.12	.14	tin D	...	2.30
Glacial , lc/l wks. 100 lb D	...	12.83	Gallie , USP 150 lb bbls. D	...	.65	MURIATIC , 20° chy. lc/l		
Glacial , USP chy wks. 100 lb D	...	12.53	Gamma , 225 lb bbls. wks. D	1.80	1.90	wks. 100 lb D	1.40	1.50
Acetylacetone , 250 lb bbls. D	...	.75	Bbls., ton lots wks. D	1.70	1.80	Chy. c/l wks. 100 lb D	1.25	1.50
Second Hands	...	.72 1/4	Glycerophosphoric , 25% 1 lb b. D	1.50	1.60	Tank cars, wks. 100 lb D	1.00	1.10
Anthrone , ton lots drs. D	...	.98	H 225 lb bbls. D	.80	.85	18°, 120 lb chy.		
95-98% 100 lb drs. D	1.00	1.10	Bbls., ton lots wks. D	...	.75	c/l wks. 100 lb D	1.00	1.10
99-100% 100 lb drs. D	...	1.20	Hydrobromic , 48% coml. 155 lb			Tank cars, wks. 100 lb D	.90	1.00
Benzole , tech. 100 lb bbls. D	...	.75	48% coml. 10 chy. wks. D	...	.40	22°, 120 lb chy.		
Twch. ton lots bbls. D	...	.70	40% USP 155 lb chy. wks. D	.45	.46	c/l wks. 100 lb D	1.75	2.00
USP, 100 lb bbls. D	...	.85	10% USP 100 lb chy. wks. D	.11	.13	Iron , free 20° chy.		
Twch. ton lots bbls. D	...	.77	Hydrochloric , see also Acid Muriatic			c/l wks. 100 lb D	...	...
Boric , crys. powd. 250 lb bbls. D	.10 1/4	.11 1/4	CP, USP, 110 lb chy. D	.09	.11	Tank cars, wks. 100 lb D	...	...
Kept, 100 lb D	...	.11 1/4	HYDROFLUORIC , 30% 400 lb bbls.			Muriatic , CP & USP, see Acid Hydrochloric		
Brenner's , 250 lb bbls. D	...	1.55	wks. D	...	.07	Naphthalic , tech. 250 lb bbls. D	...	.62
Butyric , 60% pure 5 lb bot. D	.50	.60	30% bbls. c/l wks. D	...	.06	Refined, single bbls. D	...	.65
C.P. 10 lb bot. D	1.25	1.50	30% 100 lb chy. wks. D	...	.07	Neville & Winther's , 250 lb		
Camphoric , USP, VIII 1 lb bot. D	5.90	6.00	48% single 100 lb chy. wks. D	...	.11	bbls. D	...	1.10
Carbolic , USP crys. see also Phenol			48% 10 chy. wks. D	...	.10			
1 lb tin D	...	.32	52% 100 lb chy. wks. D	...	.12			
25 lb tin D34	52% 10 chy. wks. D11			
5 lb tin or bot. D37						
1 lb bot. D41						
Liquid USP, 1 lb bot. D40						

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ACID, NITRIC, 36° 135D

chys. wks.100lb	4.75	: 5.00
Chys. c/l wks.100lb	4.50	: 4.75
38° single chys. wks.100lb	5.50	: 5.75
Chys. c/l wks. ....100lb	5.25	: 5.50
40° single chys. wks. ....100lb	6.00	: 6.50
Chys. c/l wks. ....100lb	5.75	: 6.00
42° single chys. wks. ....100lb	6.75	: 7.50
Chys. c/l wks. ....100lb	6.50	: 7.00
C. F. chys. single wks. ....100lb	.14	: .18
Oxalic, 325 lb bbls. wks. ....lb	.12	: .12½
Bols., NY. ....lb	.12½	: .13
Keps, 100 lb NY. ....lb	.13	: .13½
Imp., 560 lb cases. ....lb	.12	: .12½
Phosphoric, 50% tech. 100 lb chys. ....lb	.08	: .09
USP, 85% syrupy, 70 lb demis. ....lb	.17	: .18
Phthalic, see Phthalic Anhydride		
Pieramic, 300 lb bbls. ....lb	...	: .65
Pieric, 450 lb bbls. ....lb	...	: .30
Bols. car lots wks. ....lb	.20	: .25
Pyrogallie, crys. 5 lb cans. ....lb	1.10	: 1.20
Resublimed, 5 lb cans. ....lb	1.50	: 1.60
Tech. powd., 200 lb bbls. ....lb	...	: .80
Salicylic, tech. 125 lb bbls. ....lb	.32	: .33
USP, 100 lb bbls. ....lb	...	: .35
Second Hands. ....lb	.34	: .35
Sulfanilic, 250 lb bbls. ....lb	.17	: .20
SULFURIC, 66° 180 lb chys. le/l wks. ....100lb	1.50	: 1.75
Chys. c/l wks. ....100lb	1.25	: 1.50
1500 lb Drums, le/l wks. ....100lb	...	: 1.25
Drums, c/l wks. ....100lb	...	: 1.10
Tank cars, wks. ....net ton	15.00	: 17.00
66° 1500 lb Drums, le/l wks. ....100lb	.70	: .90
Drums, c/l wks. ....100lb	.60	: .80
Tank cars, wks. ....net ton	9.00	: 11.00
C. F. 175 lb chys. ....100lb	...	: .09

Acid Sulfuric

Oilum, 20 p.e. 1500 lb drums, le/l wks. ....100lb	1.50	: 1.75
Drums, c/l wks. ....100lb	1.25	: 1.50
Tank cars, wks. ....net ton	18.00	: 20.00
Contract cars, wks. ....ton	...	: ...
Oilum, 40% drs le/l wks. net ton	...	: 40.00
Oilum, 60% drs., le/l wks. net ton	...	: 70.00
Sulfurous, USP 6% 100 lb chys. lb	.05	: .06
4% 100 lb chys. ....lb	.04	: .05
USP, 5 gal. demis. ....lb	.06	: .08
Tannic, tech. 300 lb bbls. ....lb	...	: .45
USP, powd. 200 lb bbls. ....lb	.80	: .83
USP, fluff, 50 lb bbls. ....lb	.80	: .83
Tartaric USP cryst 300 lb bbls. ....lb	...	: .36
USP, powd. 300 lb bbls. ....lb	...	: .36
Imp. USP, 240 lb bbls. ....lb	.33	: .34
Powd. 240 lb bbls. ....lb	.34	: .35
Tobias, 250 lb bbls. ....lb	1.00	: 1.10
Tungstic, 100 lb kgs. ....lb	...	: 1.00
Valeric, C.F., 10 lb bot. ....lb	4.00	: 4.25
Aconitine Alk. cryst. 1 oz. vis. oz	...	: 30.00
Amorphous, 1 oz. vis. ....oz	...	: 20.00
Adeps Lanne, hydrous 350 lb bbls lb	.21	: .23
Anhydrous, 350 lb bbls. ....lb	.23	: .24
Albumen, Egg, edible. ....lb	1.10	: 1.20
Technical, see Dyers Sundries		
ALCOHOL, USP 190 pf. 50 gal. bbls. ....gal	4.74	: 4.82
Second Hands, bbls, USP 190 pf. ....gal	...	: ...
Export, USP, 190 pf. ....gal	.45	: .83
Cologne Spirit, 50 gal. bbls. gal	4.77	: 4.87
WOOD, see Methanol		
Alcohols, also in 50 gal. drums, extra and returnable.		
Amvl, see Oil Fuel		
Butyl, 50 gal. drums. ....lb	.75	: .80
Isobutyl, crude 50 gal. drums. gal	...	: 4.40
Refined, 10 lb can. ....lb	1.50	: 1.75

ALCOHOL—(continued)

Isopropyl, crude 50 gal. drs. gal	...	: 2.25
Refined, 50 gal. drs. ....gal	4.00	: 4.50
Ref'd, 91%, drs. ....gal	...	: 3.50
Methyl, see Alcohol, Wood		
Propyl, nml. crd 50 gal. drums. gal	...	: 4.40
Refined, 10 lb can. ....lb	...	: .75
Denatured		
No. 1 Complete Denat. 188 Proof		
50 gal. bbls. incl. ....gal	.48	: .50
50 gal. drums, extra. ....gal	.43	: .45
No. 1 Special Denat. 190 Proof		
50 gal. bbl. incl. ....gal	.46	: .48
50 gal. drums, extra. ....gal	.40	: .42
No. 5 Complete Denat. 188 Proof		
50 gal. bbls. incl. ....gal	.45	: .47
50 gal. drums, extra. ....gal	.39	: .41
No. 6 Complete Denat. 188 Proof		
50 gal. bbls. incl. ....gal	.43	: .47
50 gal. drums, extra. ....gal	.38	: .40
In addition to the regular authorized formulae for completely denatured alcohol, some 75 formulae for specially denatured alcohol are authorized for special uses. Owing to the limitations of their uses however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept. of Internal Revenue.		
Aloin, USP 100 lb cases. ....lb	.87	: .90
Alpha-Naphthol, crude 300 lb bbls. lb	...	: .65
Refined, 300 lb bbls.lb	...	: .75
Alpha-Naphthylamine, 350 lb bbls. lb	.35	: .37
SS.lb	...	: ...

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ALUM, Ammonia, lump 400 lb bbls.			AMMONIA anhyd. 100 lb cgl.... lb			AMMONIUM—(Continued)		
wks.	100 lb	3.50 : 3.65	Water, 26° 800 lb drs. wks.. lb	...	.07 1/2	Persulfate, 112 lb cases..... lb	.40	: .45
Imp., 500 lb casks.....	100 lb	3.50 : 4.00	"Dra. c/l wks..... lb	...	.07 1/2	Phosphate, dibasic 200 lb bbls. lb	.35	: .36
Ground, 400 lb bbls. wks. 100 lb		3.65 : 3.75	C.P., chys. lb	...	.14	Tech., powd. 325 lb bbls..... lb	.15	: .17
Powd., 380 lb bbls. wks. 100 lb		3.90 : 4.00	Imp., 300 lb drs. incl. spot. lb	...	.06 1/2	Sulfolate, USP 100 lb kgs..... lb	.30	: .35
Chrome 500 lb cks wks. 100 lb		5.50 : 6.00	26° 100 lb chys. lc/l wks. lb	...	.08 1/2	Sulfate, bulk c/l wks..... 100 lb	...	: 3.20
Potash, lump 400 lb bbls.			Chys., c/l wks..... lb	...	.08 1/2	200 lb single bgs c/l wks. 100 lb	...	: 3.30
wks.	100 lb	4.50	20° 800 lb drs. lc/l wks. lb	...	.06	200 lb double bgs, f.a.s. 100 lb	...	: 3.65
Bbls. c/l wks.....	100 lb	4.25	Chys., lc/l wks..... lb	...	.07 1/2	Sulfoamide, tech. 100 lb kgs. lb	...	: .50
Cont. bbls. c/l wks. 100 lb		4.25	18° 800 lb drs. lc/l wks. lb	...	.05 1/2	CP, 25 lb jars..... lb	.75	: .80
Imp. 650 lb cases s.p. 100 lb		3.00 : 3.25	Chys., lc/l wks..... lb	...	.07 1/2	Amyl Acetate, tech. 50 gal. drs. gal	4.50	: 4.75
Ground, 400 lb bbls. wks. 100 lb		4.35 : 4.60	16° 800 lb drs. lc/l wks. lb	...	.04	Pure, 5 gal. cans..... gal	7.00	: 8.00
Imp. 650 lb casks.....	100 lb	3.00 : 3.25	Chys., lc/l wks..... lb	...	.07	Alcohol, see Fusel Oil		
Powd., 380 lb bbls. wks. 100 lb		4.50 : 4.75	Ammonium Acetate, 100 lb kgs. lb	...	.40	ANILINE OIL, 600 lb drs..... lb	.16	: .17
Chrome, 700 lb cks wks. 100 lb		5.50 : 6.00	Benzoate, USP, 1 lb bot..... lb	...	.98	Aniline Salt 200 lb bbls..... lb	.24	: .25
Soda, grd. 400 lb bbls. wks. 100 lb		4.00	Bifluoride, 300 lb bbls..... lb	...	.22	Anthracene, 40-45% 600 lb casks		
Bbls. c/l wks.....	100 lb	3.50	100 lb kgs..... lb	...	.23	wks..... lb	.12	: .17
Aluminum, metal, c/l NY... 100 lb		25.00 : 26.00	Bromide, 50 lb boxes..... lb	...	.33	80-85%, 600 lb casks wks..... lb	.75	: 1.00
Chloride, anhyd. 275 lb drs.. lb		.20 : .22	Imported, 112 lb boxes..... lb	...	.17 1/2	Anthraquinone, subl 125 lb bbls. lb	1.30	: 1.35
30% sol. 120 lb chys..... lb		.03 1/2 : .04	Carb., tech. 560 lb casks..... lb	...	.09	30% paste 350 lb bbls..... lb	.80	: .85
Hydrate 96% light 90 lb bbls. lb		.18 1/2 : .20	Powd., tech. 385 lb bbls. lb	...	.09 1/2	Antimony metal, slabs ton lots 100 lb	7.50	: 7.62
SULFATE, Iron-free bags c/l			USP, lump, 100 lb kgs..... lb	...	.09 1/2	Needle Powd., 100 lb cases..... lb	.06 1/2	: .06 3/4
wks.	100 lb	2.25 : 2.50	Powd., 100 lb kgs..... lb	...	.10 1/2	ANTIMONY CHLORIDE, anhyd 1000 lb		
Imported, spot.....	100 lb	2.25 : 2.40	Chloride, Domestic			drs..... lb	...	: .35
Comm'l., 3/4% iron, bgs. c/l			White gran. 250 lb bbls. NY. lb	...	.08	50 lb crocks..... lb	.45	: .48
wks.	East 100 lb	1.40 : 1.50	Bbls., c/l wks..... lb	...	.07 1/2	Sol'n, 130 lb carboys..... lb	...	: .11
Cont. bgs. c/l wks. E. 100 lb		1.40	Gray 250 lb bbls. wks..... lb	...	.08 1/2	Oxide, 500 lb bbls..... lb	.07	: .07 1/2
Bags, c/l wks. W... 100 lb		1.35	Bbls., c/l wks..... lb	...	.08	Salt, dom. 500 lb bbls..... lb	.24	: .25
Bbls., c/l wks. East. 100 lb		1.55	Imp. wh. 600 lb cases spot. lb	...	.06	Imp., NY..... lb	.23	: .24
Bulk, c/l cont. wks. E. 100 lb		...	Gray, 600 lb casks spot..... lb	...	.07	Sulfuret, golden 500 lb bbls..... lb	...	: .21
Amidol, (see Diaminophenol)			Lump, 500 lb casks spot..... lb	...	.13	336 lb kgs..... lb	...	: .19
Amidopyrine, 10 lb boxes..... lb		4.50 : 4.75	Ichthyolate, as to brand..... lb	3.75	4.00	Crimson, 500 lb bbls..... lb	...	: .38
1 lb cartons, 10 lb..... lb		...	Iodide, USP, 25 lb jars..... lb	...	5.20	336 lb kgs..... lb	...	: .36
Aminonobenzene, 110 lb kgs..... lb		1.15	Lactate, 500 lb bbls..... lb	...	.15	Red, 500 lb bbls..... lb	...	: .45
			Nitrate, tech. crys. 225 lb bbls lb	...	...	336 lb kgs..... lb	...	: .42
			Refined Crystals, bbls..... lb	...	.18	Tartrolactate, 500 lb bbls..... lb	...	: .45
			CP gran. 100 lb kgs..... lb	...	.35	Antipyrine, USP, 100 lb cases..... lb	2.40	: 2.50
			Oxalate, pure, 100 lb kgs..... lb	...	.40	Apomorphine Hydrochloride, 1/4 oz. vial. oz	19.10	: 19.35
						Arecoline Hydrobromide, 1 oz. vial..... oz	9.00	: 10.50
						Argols, red powd. 350 lb bbls..... lb	.06 1/2	: .07

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Cocaine and Salts
Codeine and Salts
Colchicine Alkaloid, U. S. P.
Colchicine Salicylate
Creosote, U. S. P.
Creosote Carbonate

Cumarin
Diacetylmorphine
Alkaloid and Hydrochloride
Digitalin Pure
Duboisine Sulphate
Emetine and Salts
Eserine and Salts
Guaiacol Liquid
Guaiacol Carbonate
Homatropine and Salts
Hydrastine and Salts
Hydrastinine Hydrochloride
Hyoscyne Hydrobromide
Hyoscyamine and Salts
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Veratrine and Salts
Yohimbin Hydrochloride

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Chemicals

Arsenic, metal 220 lb kegs.....lb	..	.27	Benzidine base, dry 250 lb bbls. lb	..	.82	BISMUTH—(Continued)		
Red, 224 lb kegs cases.....lb	.15	.15 1/4	10 bbl. lots	.80	.82	Subiodide, 5 lb lots.....lb	..	4.70
White, 550 lb bbls., c/l NY.....lb	.10 1/4	.10 1/4	Benzidine Sulfate, paste 350 lb			Subnitrate, USP, 250 lb bbls.....lb	..	2.90
Aspirin, see Acid Acetylsalicylic			bbls.	.70	.72	Second Hands, bbls. or less.....lb	..	3.80
Atropine Alk. USP, 1 oz. vial.....oz	7.50	8.00	Benzol, see Benzene			Cones, 1 lb bot.....lb	..	3.95
Sulfate, 5 oz. cans.....oz	..	4.00	Benzonaphthol, 5 lb boxes.....lb	3.50	3.60	Subsalicylate, USP, 175 bbls.....lb	..	3.10
Single ounce	..	4.17	Benzoyl Chloride, 500 lb drs.....lb	..	1.00	Tannate, 1 lb bot.....lb	..	2.73
BARIUM BINOXIDE, see Barium dioxide			Benzyl Acetate, 100 lb chys.....lb	1.40	1.50	above on basis 25 lb lots		
Carbonate, precip., 800 lb bbls.			Alcohol, 5 lb bot.....lb	1.60	1.70	Smaller lots at an advance.		
Wks.	..	70.00	Benzoate, 5 lb bot.....lb	1.50	1.60	Blanc Fixe, dry 400 lb bbls, wks. ton	75.00	80.00
Import, bbls., spot.....ton	77.00	78.00	Medicinal FFC.....lb	1.75	1.85	Imported, bbls.	..	72.00
Precip., 200 lb bbs., wks.....ton	68.00	70.00	Chloride, 95% tech. 925 lb drs. lb	..	.30	Paste, 650 lb bbls.....ton	50.00	55.00
Chloride, 800 lb bbls. wks.....ton	..	90.00	100 lb chys.....lb	.30	.35	BLEACHING POWDER, 700 lb drs.		
200 lb bbs. wks.....ton	88.00	90.00	Redistill. 100 lb chys.....lb	.40	.45	c/l wks. ....100 lb	1.50	1.75
Import, bbls., spot.....ton	80.00	82.50	Formate, 1 lb bot.....lb	4.00	4.25	Drums 1c/l ex-warehouse.....100 lb	2.00	2.25
Dioxide, 88% 690 lb drs.....lb	.17	.18	Berberine Hydrochloride, 1 lb bot.....lb	..	22.50	Contract, c/l wks.....100 lb	..	1.75
Import, 83-85% 400 lb drs. lb	.14	.16	Sulfate, acid or neut. 1 lb bot.....lb	..	22.00	F. a. a. c/l.....100 lb	..	..
Hydrate, 500 lb bbls.....lb	.05	.06	BETA-NAPHTHOL, 350 lb bbls, wks. lb	.22	.33	Imported, spot.....100 lb	..	..
Iodide, 5 lb box.....lb	..	5.15	Ton lots, wks.	..	.21	Blue Ointment, see Mercury		
Nitrate, 700 lb cases.....lb	..	.10	Sublimed	.55	.60	Mass, see Mercury		
Import cases	..	.07 1/2	Beta-Naphthylamine, tech. 200 lb			Bone Ash, 100 lb kegs.....lb	..	.08
Sulfocyanide 400 lb bbls.....lb	..	.35	dots.	..	.76	Black, 200 lb bbls.....lb	.06	.08
Barytes, floated 350 lb bbls.....ton	33.50	35.00	Sublimed, 200 lb bbls.....lb	..	1.35	Borax, USP, crys. 400 lb bbls.....lb	.05 1/4	.06
Bay Rum, Porto Rican, genuine			Bichloride Mercury, see Mercury Bichloride			Powdered, USP, 300 lb bbls.....lb	.05 1/4	.06
Denat. salicy acid or tartar emetic			BISMUTH metal, 150 lb cases.....lb	2.80	2.85	Kegs, USP, 100-150 lb.....lb	.06	.06 1/4
45 gal. bbls.....gal	2.75	3.00	Second Hands.....lb	2.80	2.85	Bordeaux Mixture, powd. bbls.....lb	.12	.15
Denat. quinine sulf. 45 gal.			Ammon. Citrate, USP 5 lb bxs. lb	..	5.75	Paste, bbls.	.08	.10
bbls.....gal	2.85	3.00	Betanaphtholate, 5 lb bxs.....lb	..	3.35	Borneol, 1 lb bot.....lb	..	3.50
Domestic synthetic, 50 gal.			Citrate, USP 5 lb bxs.....lb	..	3.15	Bromide, see potass. bromide, etc.		
bbls.....gal	1.10	1.25	Nitrate, 25 lb jars.....lb	..	2.00	Bromine, bot. in 60 lb cs. wks.....lb	..	.39
Benzaldehyde, tech. 945 lb drs.			Oxychloride, 250 bbls.....lb	..	3.50	Bromobenzene, 600 lb drums.....lb	.40	.42
Wks.	.75	.80	Phenolsulfonate, 5 lb cans.....lb	..	3.20	Bromoform, USP 5 lb bot 50 lb cs. lb	..	1.50
USP, 40 lb chys.....lb	1.50	1.60	Salicylate, 250 bbls.....lb	..	3.00	Brucine Sulfate, 100 ozs.....oz	..	.30
FFC, 40 lb chys.....lb	1.75	1.85	Subcarbonate, USP, 250 bbls.....lb	..	3.40	Butter of Antimony, see Antimony Chloride		
BENZENE, 90% 8000 gal. tanks			X-Ray diag. 1 lb bot.....lb	..	3.80	CADMIUM, metal 100 lb bxs.....lb	1.20	1.25
Wks.	.22	.23	Subgallate, USP 175 lb bbls.....lb	..	2.80	Bromide, 50 lb cases jars.....lb	..	1.10
110 gal. drs. wks.....gal	.27	.30				Iodide, 10 lb bot.....lb	..	4.45
Pure, Tanks, wks.....gal	.24	.26				Sulfide, cs.	1.50	1.80
110 gal. drs. wks.....gal	.29	.31						

General Chemicals

A MARK OF PLEDGED RESPONSIBILITY

GENERAL CHEMICAL COMPANY

ON PRODUCTS OF STANDARD MERIT

Salt Cake

Sulphuric Acid
Acetic Acid
Epsom Salt
Hydrochloric Acid
Mixed Acids

Nitric Acid
Ammonia Alum
Aluminum Sulphate
Copperas Nitrate Iron
Anhydrous Bisulphite Soda

Hydrofluoric Acid
Tin Crystals
Sodium Sulphide
Sodium Silicate
Sodium Phosphate

GENERAL CHEMICAL COMPANY

40 Rector Street, New York

Baltimore
BuffaloChicago
ClevelandDenver
EastonPhiladelphia
PittsburghProvidence
San Francisco

The Nichols Chemical Co., Ltd., Montreal
Cable Address: Lycorgus, N. Y.

Chemicals

CAFFEINE ALK, USP 5 lb cans..lb				4.00	: 4.25	CAMPHOR, Amer. ref. 250 lb								
Second Hands	..lb	3.75	: 4.00			bbis.	...	: .93			Chalk, drop 175 lb bbls.	..lb	...	: .03%
Hydrochloride, 1 lb bot.	..lb	7.12	: 7.32			2 1/2 lb slabs, 100 lb cs.	..lb	: .94			Precip. light 250 lb cks.	..lb	...	: .04%
Sulfate, 1 lb bot.	..lb	...	: 5.50			1 lb cakes, 100 lb cs.	..lb	: .94 1/2			Precip. heavy 560 lb cks.	..lb	...	: .03 1/2%
Citrate, 25 lb cans.	..lb	3.00	: 3.10			1 oz. tab., 1 lb ctns.	..lb	: .98 1/2			Bulk	..ton	5.00	: 8.00
Hydrobromide, 1 lb bot.	..lb	...	: 4.75			100 lb cs.	..lb	: .98 1/2			Precip. English, 7 lb bags.	..lb	...	: .07 1/2%
CALCIUM Acetate, 150 lb bgs, c/l						Jap. ref 2 1/2 lb slabs, 100 lb	..lb	: .99			Charcoal, Bone, see bone black			
Wks.	..100 lb	...	: 4.00			cs.	..lb	: .91	: .92		Wood, powd. 100 lb bbl.	..lb	...	: .05
Arsenate, 100 lb bbls. c/l wks.	..lb	.12	: .14			1 oz. tab., 100 lb cs. 1 lb	..lb	: 1.04			Willow, powd. 100 lb bbl.	..lb	...	: .07
Bbls. lc/l wks.	..lb	.14	: .16			tins	..lb	: 1.04			China Clay, imp.	..ton	16.00	: 22.50
Bromide, 100 lb cs.	..lb	...	: .44			1/2 oz. tab. 100 lb cs. 1 lb	..lb	: 1.06			Dumetist, fob Mine.	..ton	10.00	: 15.00
Calcium Carbide, 220 lb dr c/lwks	..lb	...	: .04 1/2			tins	..lb	: 1.06			Chloral Hydrate, USP 100 lb drs.	..lb	...	: .70
Drums lc/l wks.	..lb	...	: .05			Chinese ref. 2 1/2 lb slabs 100 lb	..lb	: .90			25 lb jars	..lb	...	: .73
Carbonate, tech. 100 lb bags	..lb	1.00	: 1.10			cs.	..lb	: .72	: .73		Chinoidin, 170 lb cases.	..lb	...	: .65
c/l	..100 lb	...	: 1.10			Crude, 100 lb cs.	..lb	: .72	: .73		Chloramine-T, 5 lb bot.	..lb	1.25	: 2.50
USP, precip. 175 lb bbls.	..lb	...	: .04			Campbor, Monobrom. 100 lb cs.	..lb	1.75	: 1.85		Chlorosane, 5 lb bot.	..lb	...	: .75
Chloride, solid, 650 lb drs. c/l	..lb	...	: 24.50			Caramel, 50 gal. bbls.	..gal	.60	: .62		Chlorhydrin, Ethylene anhyd, 600 lb	..lb	...	: .75
f.o.b. NY	..ton	...	: 24.50			Carbazol, 250 lb bbls.	..lb	.75	: .80		40% soln. 100 lb cys.	..lb	...	: .30
Gran., 350 lb drs. c/l f.o.b.	..lb	...	: 30.50			Carbon Bisulfide, 500 lb dr., lc/l NY	..lb	...	: .06 1/2		CHLORINE, Liquid 2000 lb cyl			
NY	..ton	...	: 30.50			c/l drums, NY.	..lb	...	: .06		c/l wks.	..lb	...	: .05 1/2%
Flake 350 lb drs. c/l f.o.b.	..lb	...	: 30.50			Carbon Black, 12 1/2 lb bags, wks.	..lb	.18	: .35		Tank car lots wks.	..lb	...	: .05 1/2%
NY	..ton	...	: 30.50			Carbon Tetrachloride, 1400 lb drs.	..lb	...	: .10 1/2		100 lb cyl. c/l.	..lb	...	: .06
Anhyd., 350 lb drs. f.o.b. NY.	..lb	.13	: .20			NY	..lb	...	: .09		100 lb cyl. lc/l, ex-warehouse.	..lb	...	: .06 1/2%
Glycerophosphate, 250 lb bbls.	..lb	1.50	: 1.60			Drums, c/l NY.	..lb	...	: .10 1/2		Chlorobenzene, mono. 1000 lb drs.	..lb	...	: .11
Hydrate, (see Lime)						700 lb drs. single NY.	..lb	...	: .10 1/2		Wks.	..lb	...	: .12
Iodide, 5 lb bot.	..lb	...	: 4.35			Carmin, No. 40 5 lb boxes.	..lb	4.75	: 4.85		Dr. c/l wks.	..lb	...	: .10
Lactate, tech. 500 lb bbls.	..lb	...	: 13 1/2			Casein, edib. 100 lb keg.	..lb	.40	: .45		Tank car lots wks.	..lb	...	: .09
U.S.P.	..lb	.50	: .60			Technical, 200 lb bbls.	..lb	.15 1/2	: .16 1/2		CHLORFORM, USP 50 lb drs.			
Nitrate, 220 lb bbls, c/l NY.	..ton	...	: 40.00			Castoreum, 1 lb boxes.	..lb	4.00	: 4.50		Second Hands, 650 lb drs.	..lb	...	: .35
Phosphate, tech. 350 lb bbls.	..lb	.09	: .10			Castor Oil, USP 50 gal. bbl.	..lb	...	: .13 1/2		Technical, 650 lb drums.	..lb	...	: .33
Phosphate, precip. tribasic 200						Cases, 80 lb 2 tins.	..lb	...	: .14		Chromium Acetate, 20% soln. 400 lb			
lb bbls, wks.	..lb	.10	: .11			Tech., see Fixed Oils					bbls.	..lb	...	: .08
Phosphate, mono.	..lb	.07	: .09			Caustic Potash, see potash, caustic					Fluoride, Powd. 400 lb bbls.	..lb	...	: .80
Sulfocarbonate, 100 lb kegs.	..lb	.60	: .62			Soda, see soda, caustic					soln. 400 lb bbls.	..lb	...	: .07
Calomel, see Mercury						Cellulose Acetate, 100 lb cases.	..lb	1.75	: 2.00		Sulfate, 400 lb bbls.	..lb	...	: .07
						Cerium Oxalate, USP 100 lb kgs.	..lb	...	: .43		Chrysarobin, USP, 5 lb cans.	..lb	2.00	: 2.15
											Cinchonidin alk., pd. 100 oz. tinsos	..lb	...	: .70
											Crystal	..oz	...	: .75
											Sulfate, 100 oz. tins.	..oz	...	: .50

Charles Hardy & Ruperti

INCORPORATED

115 Broad Street - New York

Telephone Bowling Green 3770

ALUM (Potash)
 AQUA AMMONIA
 AMMONIUM CARBONATE
 AMMONIUM CHLORIDE
 BARIUM CARBONATE
 BARIUM CHLORIDE
 BARIUM SULPHOCYANIDE
 CALCIUM CHLORIDE
 FORMIC ACID
 GLAUBERS SALT

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Chemicals

Cinchonidin alk., pvd. 100 oz. tinsos70	COPPER, metal electrolytic c/l			Diethyl Sulfate tech. 50 gal. drs.25
Crystal	...	.43	NY	100 lb	13.75 : 13.87	CP drums	...	.50
Sulfate, 100 oz. tins	...	.25	Lake, c/l NY	100 lb	13.87 : 14.00	Digitalin, Pure, 1 oz. vial	...	10.00 : 10.25
Citrine Ointment, see Mercury			Casting, c/l NY	100 lb	...	Dimethylaniline, 840 lb drs. wks.	...	.41
Coal Tar, Tks. & bbls., wks.	gal	.06 : .08	Carbonate, 400 lb bbls.	...	.17 1/2 : .18	Dimethylsulfate, 100 lb drs.	...	.50
Cobalt metal, 100 lb kegs	...	2.75 : 2.85	Chloride, 250 lb bbl.	...	.23	Dinitrobenzene, 400 lb bbls.	...	.19 : .20
Cobalt Oxide, 500 lb bbls.	...	2.10	Cyanide, 100 lb drs.	...	.58 : .60	Dinitrochlorobenzene, 400 lb bbls.	...	.19 : .20
10 lb tins 200 lb cases	...	2.35	Iodide, 5 lb bot.	...	5.65	Dinitronaphthalene, 350 lb bbls.	...	.32 : .34
COCAINE alk., USP, 1 oz. vial.	...	10.00	Oxide, 1000 lb bbls. ton lots.	...	.17 : .18	Dinitrophenol, 350 lb bbls.	...	.40
Hydrochloride, USP—1 oz. vials,			Sub-Acetate, verd. 440 lb bbls.	...	.23 : .23	Dinitrotoluene, 300 lb bbls.	...	.19 : .21
25 oz.	...	7.07	SULFATE, crys. 450 lb bbls. 1e/1			Dionin, see Morphine, Ethyl		
In 1/4 oz. vials	...	7.50	spot	100 lb	5.25 : 5.30	Diphenylamine, 250 lb bbls.	...	.48 : .50
In crystals, granular, powder,			Carlots, bbls. f.o.b. NY	100 lb	5.00 : 5.10	Diphenylguanidine, 170 lb bbls.	...	1.15 : 1.20
or flaky crystals as desired.			Carlots, bbls. delivered	100 lb	5.40 : 5.50	Dover's Powder, USP 5 lb tins	...	2.20 : 2.30
Cocoa Butter, bulk, 200 lb bales.	...	.26 : .26 1/2	Imp. 550 lb cks.	100 lb	4.50 : 5.00	Dubosine Sulfate, 1 oz. vial	...	55.00
Fingers, cakes, etc. 12 lb bxs.	...	.34 : .35	Powdered, 350 lb 5 bbls.	...	.06 : .06 1/2	EARTH, Diatomaceous, see Kieselguhr		
CODEIN alk., 1 oz. vis. 10 oz.	...	8.62	Copperas, bulk c/l wks.	ton	20.00 : 21.00	Emetine, alk., 15 gr. vials	...	1.65
Hydrobromide, 1 oz. vis. 10 oz.	...	8.92	400 lb bbls. c/l wks.	...	25.00	Hydchlde, USP 1 oz. vial	...	18.00 : 19.00
Hydrochloride, 1 oz. vis. 10 oz.	...	7.77	200 lb bgs. c/l wks.	...	23.00	15 gr. vials	...	.82
Nitrate, 1 oz. vis. 10 oz. lots	...	7.77	Powdered, bbls.	100 lb	1.90 : 2.00	EPSOM SALT, tech. 300 lb bbls.		
Phosphate, 1 oz. vis. 10 oz.	...	6.47	Sugar, 400 lb bbls.	100 lb	1.50 : 1.75	NY	...	2.15
Salicylate, 1 oz. vis. 10 oz.	...	6.47	Corn Syrup, 42 deg. 50 gal.	...	3.51	Bbls. c/l NY	...	2.00
Sulfate, 1 oz. vis. 10 oz. lots	...	6.92	43 deg. 50 gal. bbls.	100 lb	3.56	100 lb bgs. c/l NY	...	1.80
Small Sizes. 1/4 oz. vials. 50c extra,			Corrosive Sublimate, see Mercury Bichloride			Imp., 220 lb bgs. c/l	...	1.10
1/4 oz. 25c extra, singles 7c extra			Coumarin, 25 lb tins	...	4.50 : 4.65	NY	...	1.00
per oz.—25c on lots, 10c on cheaper			Second Hands	...	4.35	USP, 300 lb bbls. 10 bbls. 100 lb	...	2.50
than above. Less than 10 oz. 15c on			CREAM TARTAR, USP, 300 lb			Carlots, bbls.	...	2.15
higher than above.			bbls.	...	.26	Imported, 400 lb bbls.	...	1.75
COD LIVER OIL, Norwegian, 30 gal.	...	25.00	Imp. powd. USP, 224 bbls.	...	.24 1/2 : .25	100 lb kegs	...	1.85
bbls.	...	24.00	Cresote, USP, 42 lb chys.	...	.40 : .45	Ergotin, Boujean, 1 lb jars	...	6.00 : 6.35
Newfoundland, 30 gal. bbls.	...	...	Carbonate, 1 lb bot. 25 lb	...	1.80 : 2.00	Eserine alk., 1 oz. vial	...	30.00
Colchicine alk., USP 1 oz. vial	...	30.00	Cresote Oil, 50 gal. drs.	gal	.20 : .23	Salicylate, USP 1 oz. vial	...	22.00
Salicylate, 1 oz. vial	...	45.00	Cresol, USP 400 lb bbls.	...	.36	Sulfate, USP VIII, 1 oz. vial	...	17.00
Collection USP 30 lb drums	...	.23	Cyanamide, bulk c/l wks. Amm. unit	...	2.25	ETHER, USP 55 lb drums	...	.13
Flexible, USP 30 lb drums	...	.27	DIAMINOPHENOL, 100 lb kegs	...	3.80	Anaesthesia. 55 lb drums	...	.16
			Dianisidine, 100 lb kegs	...	4.60	USP, 1880 55 lb drums	...	.38
			Dichlorobenzene, 1000 lb drs.	...	.06 : .07	Washed, 55 lb drums	...	.30
			Diethylaniline, 850 lb drs.	...	.60 : .65	Motor, 1 lb cans	...	.24 : .27
			Diethyl Phthalate, 25 lb cans	...	.55 : .65	Ether, Nitrous, 1 lb bot.	...	.92 : .95
			1000 lb drs.	...	.45 : .50	Ethyl Benzyl Aniline, 300 lb drs.	...	1.30

MECCOALPROCENOCOMECCOALPROCENOCO

METHANOL

ALL GRADES

The Miner Edgar Company

Rail and Water Facilities

110 William Street

New York

Chemicals

Ethyl Acetate, 99%, 50 gal. dr. gal.	1.05	1.15	Gelatin, USP silver bbl. 100 lb. ca. D.	.85	.90	Hydrastine Hydrochloride, USP 15 gr.		
85-90% Ester, 50 gal. dr. gal.	...	.95	Gold Label, 100 lb. cases.... D.	...	...	vials.....vial	...	2.40
Carlots, drums.....gal	...	.93	Technical, 100 lb. ca. D.	.60	.65	Hydrazobenzene, 100 lb. kegs..... D.	1.30	1.35
Tank Cars.....gal	...	.90	GLAUBER'S SALT, tech. 200 lb. bags			HYDROGEN PEROXIDE, 25 vol. 400 lb.		
Pure, 5 lb. bot.....gal	...	2.50	1c/l wks.....100 lb	1.15	1.25	bbls..... D.	...	.10
Bromide 115 lb. drs..... D.	...	.40	350 lb. bbls. c/l wks.....100 lb	1.30	1.35	USP Soln. 375 lb. bbls..... D.	.05	.05½
Chloride, 15 lb. cyl..... D.	...	.35	Bbls. 1c/l wks.....100 lb	1.50	2.00	USP bot. 4 oz. cases.....gross	8.00	8.25
Methyl Ketone, 50 gal. drums. D.	.25	.25½	Imported, bbls. spot.....100 lb	.75	.90	Bot. 8 oz. cases.....gross	11.75	12.00
Morphine, see Morphine, Ethyl			USP, 300 lb. bbls. imp. sp. 100 lb	...	1.25	Bot. 16 oz. cases.....gross	19.75	20.00
Ethylene Bromide, 600 lb. drs.... D.	...	.60	USP, 300 lb. bbls. dom. sp. 100 lb	...	1.75	Hydroquinone, 100 lb. kegs..... D.	1.25	1.35
Glycol..... D.	.65	1.00	USP, 300 lb. bbls. c/l wks. 100 lb	...	1.40	Hyocine Hydrobrom. USP 1 oz.		
Chlorhydrin. anhyd. 50 gal. drs. D.	.75	.85	Glucose, (Grape Sugar) dry, 100			vial.....oz.	...	21.00
40% Solution, 50 gal. bbls. D.	.25	.30	70° bags, c/l NY.....100 lb	3.11	3.46	Five ozs., 1 oz. vials.....oz.	...	20.50
Dichloride, 50 gal. drs..... D.	.20	.25	Syrup, Drs. & bbls. c/l NY 100 lb	...	3.41	Hyocamine Alk. Cryst., 1 oz. vial. oz.	...	35.00
Eucalyptol, 25 lb. cans..... D.	.75	.80	1c/l NY.....100 lb	...	3.70	Alkaloid, Amorphous, 1 oz. vial. oz.	...	75.00
Feldspar, bulk.....ton	20.00	25.00	GLUE, pure white, bbls..... D.	.30	.35	Hydrobromide, USP 1 oz. vial. oz.	...	60.00
FERRIC CHLORIDE, tech. crys.			Medium white, bbls..... D.	.30	.30	Sulfate, 1 oz. vial.....oz.	...	35.00
475 lb. bbls..... D.	...	.08	French, bbls..... D.	.18	.25	INDOL, C. P. 1 oz. bot.....oz.	6.00	6.50
Imported..... D.	...	.07	High Grade, bbls..... D.	.35	.40	Iodides, see Potam. Iodide, etc.		
USP, crys. 100 lb. kegs..... D.	...	.09	Bone, regular, bbls..... D.	.10	.12	IODINE, crude, 200 lb. kegs..... D.	4.05	4.10
Imported..... D.	...	.08	Fish, bbls..... gal	1.50	1.75	Resublimed, 10 lb. jars..... D.	...	4.55
Neut. Sol'n 40° 140 lb. chys. D.	...	.06½	GLYCERIN, C. P. 550 lb. drums. D.	.17	.17½	Tincture, USP, 50 gal. bbls. gal	4.40	4.50
48°, 140 chys. D.	...	.08	Cans, 50 lb..... D.	.18	.19	Carboys.....gal	4.55	4.65
USP Sol'n 125 lb. chys. D.	...	.06½	Dynamite, 100 lb. drs..... D.	.16	.16½	Iodoform, powd. 10 lb. bot..... D.	...	6.00
Ferrous Chloride, crys. tech.			Saponification, tanks..... D.	.12½	.13	Crystals, 10 lb. bot..... D.	...	7.00
475 lb. bbls..... D.	.06	.06½	Soap, Lye tanks..... D.	.11	.11½	Iridium, metal 100s lots.....oz.	...	350.00
Ferrous Sulfate, 1000 lb. bbls. 100 lb	2.50	3.00	Goa Powder, see chrysarobin			Iron, metal by hydrogen 1 lb. bot. D.	.65	.70
Flake White, see lead, white			Graphite, crude 220 lb. bags.....ton	15.00	35.00	IRON & AMM. CITRATE, USP 25 lb.		
Fluorspar, 95% 220 lb. bgs. ex			Flake, 500 lb. bbls..... D.	.08	.09	cans..... D.	...	.84
dock.....ton	...	25.00	Ground, lump, bbls..... D.	.04	.05	Green scales, 25 lb. cans..... D.	...	.84
98% bgs.....ton	...	33.50	Guaiacol Liquid, USP, 25 lb. cans. D.	2.35	2.50	Cacodylate, 10 lb. bot..... D.	6.50	6.75
98% bgs.....ton	...	35.00	Benzoate, 1 lb. bot..... D.	...	18.00	Citrate, USP VIII 25 lb. cans. D.	...	.99
FORMALDEHYDE, USP 400 lb. bbls.			Carbonate, 5 lb. boxes..... D.	5.00	5.25	Chloride, see ferric or ferrous		
c/l wks..... D.	...	.12	HAARLEM OIL, Dom. 6 gr. ca. gross	...	3.50	Hypophosphite, 5 lb. cans..... D.	1.50	1.60
Carboys, 100 lb. c/l wks..... D.	...	.14	Imported, 5 gr. cases.....gross	5.20	5.25	Syrup, USP VIII..... D.	...	.30
Bbls., 400 lb. c/l wks..... D.	...	.14½	Halazone, 5 lb. bot..... D.	2.75	3.25	Iodide, 1 lb. bot..... D.	...	4.20
Second Hands..... D.	...	.13	Hexamethylenetetramine, USP			Syrup, USP 5 lb. bot..... D.	.35	.38
Fuller's Earth, 200 lb. bgs. c/l			100 lb. drums..... D.	.91	.93	Nitrate, keps..... D.	.09	.10
mines.....ton	15.00	17.00	Imported..... D.	.70	.75	Com'l, bbls.,.....100 lb	2.75	3.25
Imported, 230 lb. bags NY.....ton	35.00	40.00	Rubber Makers, Impalp. Pd.			Oxalate scales 25 lb. cans..... D.	.85	.88
Fusel Oil, refined, 100 gal. dr. gal	...	...	dra..... D.	.95	.97½	& Ammon. Oxalate 25 lb. bxs. D.	.47	.50
Crude, 100 gal. drum.....gal	...	...	Homotropine Hydrobrom. USP 1 oz.			& Potassium Oxalate, 25 lb. bxs. D.	.45	.47
G SALT, paste 350 lb. bbls. base			vial.....oz.	...	16.00	& Sodium Oxalate, 25 lb. bxs. D.	.41	.43
100%..... D.	.60	.65	Five ozs., 1 oz. vials.....oz.	...	15.00	Phosphate, USP 25 lb. cans..... D.	...	.69
			Hydrastine Alk. USP, 1 oz. vial. oz.	...	20.00	Pyrophosphate, USP 25 lb.		
			Hydrochloride, USP, 1 oz. vial.....oz.	...	20.00	cans..... D.	.94	.98
			Sulfate, 1 oz. vial.....oz.	...	22.00			

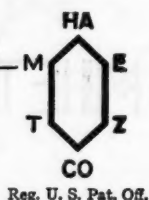
BETA NAPHTHOL

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CENTRAL DYESTUFF & CHEMICAL CO.
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Chemicals

JALAP RESIN, lump 5 lb tins...lb	3.25	: 3.35	Linalool, 5 lb bot.....lb	5.50	: 6.50	Manganese—(continued)		
Powd. tins.....lb	3.40	: 3.50	Litharge, see lead oxide			Glycerophosphate, 5 lb tins....lb	...	: 2.85
KIESELGUHR, 90 lb bags NY....ton	60.00	: 70.00	Lithium Carb. USP 100 lb kgs...lb	1.50	: 1.60	Hypophos. USP VIII 5 lb cans.lb	...	: 1.65
LANOLIN, see Adeps Lanae			Bromide, 100 lb cs.....lb	1.75	: 1.85	Iodide, 1 lb bot.....lb	...	: 6.40
LEAD, metal c/l NY.....100 lb	6.75	: 7.00	Citrate, USP 100 lb kgs.....lb	1.70	: 1.75	Ore, bulk NY.....unit	.40	: .45
Acetate, white crystals 500 lb			Iodide, 5 lb bot.....lb	...	: 5.40	Sulfate, 600 lb casks NY.....lb	.10	: .11
bbls. wks.....lb	...	: .14	Lithopone, 400 lb bbls. 1e/l wks.lb	.07%	: .08	Marble Flour, bulk.....ton	10.00	: 12.00
100 to 250 lb kgs. wks.lb	...	: .14%	Bbls. c/l wks.....lb	...	: .07	See also Calcium Carbonate		
White, broken, bbls. wks.100 lb	...	: 18.40	Imported, 400 lb bbls.....lb	.06	: .06%	MENTHOL, USP, 60 lb cases....lb	17.50	: 18.00
White, gran., bbls., wks.100 lb	...	: 18.60	Litmus Cubes.....lb	.90	: 1.00	Less cases, 5 lb tins.....lb	18.00	: 18.50
White, powd., bbls. wks....lb	...	: .14%	MAGNESITE, crude.....ton	...	: 18.00	MERCURY, metal 75 lb flask..flask	61.50	: 62.00
Keps. wks.....lb	...	: .15%	Calcined, 500 lb bbls.....ton	...	: 55.00	Less Flasks, 5 lb jugs.....lb	1.02	: 1.04
Brown, broken, bbls. wks....lb	...	: .12%	Magnesium mtl., sticks 100 lb cs.lb	1.25	: 1.30	Bichloride, cryt. 25 lb bxs....lb	...	: 1.17
USP, 100 lb kgs.....lb	...	: .17	Carb. tech. 70 lb bags NY....lb	.08	: .08%	Gran. powd., 200 lb kgs....lb	...	: 1.02
Arsenate, 100 lb bbls. 1e/l wks.lb	.24	: .25	75 lb bbls. NY.....lb	.08%	: .09	Bisulfate, 25 lb boxes.....lb	...	: .86
Bbls. c/l wks.....lb	.20	: .21	USP, 60 lb bbls.....lb	.10	: .11	Blue Mass, 25 lb boxes.....lb	...	: .62
Paste, 600 lb bbls.....lb	.12	: .13	USP, blocks 100 lb cs. 1, 2, 4	.19	: .23	Powdered, 25 lb boxes.....lb	...	: .64
Iodide, USP VIII 5 lb bot....lb	3.20	: 3.40	ozs.....lb	...	: .34.00	Blue Ointment, USP 25 lb cans	...	: .77
Nitrate, 500 lb bbls. wks....lb	...	: .22	Chloride, fused 575 lb drs. c/l	...	: 36.00	50%.....lb	...	: .57
Oxide, lithge, 500 lb bbls..100 lb	10.90	: 11.15	Flaked, 350 lb drs. wks c/l ton	...	: 36.00	USP, dilute 25 lb cans 30%..lb	...	: .67
100 lb kgs. wks.....lb	...	: .14%	Imp., fused 900 lb bbls. NY ton	26.00	: 28.00	33 1/3% Mercury.....lb	...	: 1.25
Oxide, red 500 lb bbls. wks....lb	11.40	: 11.65	Fluossilicate, crystals 400 lb bbls.	...	: .15	Calomel, 50 lb bxs.....lb	...	: .50
100 lb kgs. wks.....lb	...	: .14%	wks.....lb	...	: .07	Citrine Ointment 25 lb jars..lb	...	: 4.00
Peroxide, 100 lb drs.....lb	...	: .26	30% soln. 500 lb bbls. wks.lb	.07	: .07%	Iodide, green 25 lb jars.....lb	...	: 4.10
White, basic carb. 500 lb bbls.	...	: .09%	Soln. bbls. c/l wks....lb	...	: .06	Red, USP 25 lb jars.....lb	...	: 4.00
wks.....lb	...	: .10	Glycerophosphate, 5 lb tins....lb	...	: 3.15	Yellow, USP VIII 25 lb jars..lb	...	: 1.38
Bbls. c/l wks.....100 lb	...	: .09%	Hypophosphite, 5 lb cans....lb	...	: 1.15	Red Precip. USP 25 lb bxs....lb	...	: 1.48
100 lb kgs. wks.....lb	...	: .14%	Oxide, USP light 100 lb bbls..lb	...	: .42	Powder, USP 25 lb bxs....lb	...	: 1.49
White, sulfate 500 lb bbls. wks.lb	...	: .09%	USP, heavy 250 lb bbls....lb	...	: .80	White Precip. USP 25 lb bxs..lb	...	: 1.54
Bbls. c/l wks.....100 lb	...	: 9.25	Peroxide, 5 lb cans.....lb	...	: 2.15	Powder, USP 25 lb bxs....lb	...	: .62
Licorice Ext. Mass, cases.....lb	.25	: .26	Perborate, 1 lb tins.....lb	...	: 2.25	Meta-Nitroaniline, 300 lb bbls..lb	.73	: .30
Compound powder, bbls.....lb	.11	: .13	Salicylate, 100 lb kgs.....lb	...	: .75	Meta-Nitro-para-Toluidine, 300 lb	...	: 2.20
Powdered.....lb	.38	: .40	Sulfate, see Epsom Salts			bbls.....lb	...	: .96
Sticks, 1 oz. 100 lb cases....lb	.45	: .50	Manganese Chloride, 600 lb csk.	...	: .09%	Meta-Phenylenediamine, 300 lb	...	: .98
LIME (Salts, see Calcium Salts)			NY.....lb	...	: .10	bbls.....lb	...	: .89
Live, 325 lb bbls. ton lots, wks.lb	...	: .01%	Borate, 30%, 200 lb bbls....lb	...	: .36	Meta-Toluylenediamine, 300 lb	...	: .80
Single bbl. wks.....lb	...	: .01%	100 lb kgs.....lb	...	: .37	bbls.....lb	...	
Hydrated, 167 lb bbl, ton lots,	...	: .01%	Dioxide, 80-84% 900 lb bbls.	...	: 80.00			
wks.....lb	...	: .01%	NY.....ton	80.00	: 85.00			
Single bbl. wks.....lb	...	: .01%	85-90%, 900 lb bbls. NY ton	85.00	: 90.00			
Oyster Shell, 150 lb bbl, single..lb	...	: .03	Hydrated, precip. 100 lb kgs.lb	.32	: .35			
125 lb bag.....lb	...	: .03						
Sulfur, dry 200 lb drs. NY....lb	.08	: .10						
Drs. c/l NY.....lb	...	: .10%						
33% Soln. 50 gal. bbls. NY.gal	.15	: .16						

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METHANOL (Wood Alcohol)			NAPHTHALENE, Flake, 175 lb. bbls.			PALLADIUM, metal 10 oz. lots on		
95%, 50 gal. drms. ext....gal	...	.95	Wks.	...	.08	Pancrastin, USP 5 lb. bot....lb	1.25	: 1.40
97%, 50 gal. drms. ext....gal	...	.97	Bbls. c/l wks.	...	.07	Papain, 10 lb. bot. USP. Powd....lb	2.15	: 2.25
Pure, 50 gal. drms. ext....gal	...	1.10	Bbls., second hands NY....lb	...	.07 1/4	Crude, 150 lb. cases....lb	1.85	: 1.90
Acetone free, 50 gal. drms. ext.gal	1.05	: 1.20	Balls, 250 lb. bbls. wks....lb	...	.09	Paraffin, ref'd 200 lb. ca. slabs		
Bbls. incl. 5c higher			Bbls. c/l wks.	...	.08	120-125 Deg. M. P.....lb	.03 1/4	: .03 1/4
Methyl Acetone, 100 gal. drums.gal	...	1.20	Bbls., second hands NY....lb	...	.08	125-130 Deg. M. P.....lb	.04	: .04 1/4
Tank cars	...	1.15	Crushed, hgs., wks....lb	...	.08	130-135 Deg. M. P.....lb	.04	: .04 1/4
Chloride, 90 lb. cyl....lb	...	.50	Crude, imp., hgs....lb	...	.02	135-140 Deg. M. P.....lb	.05	: .06 1/4
Calcylate, USP, 50 lb. cases....lb	...	.47	Nickel Metal, electrolytic 100 lb			Para-Aminoacetanilid, 100 lb		
500 lb. drums	...	.45	kegs	...	.30	kegs	1.05	: 1.15
Second Hands, cases....lb	.43	: .45	Ingot, 100 lb. kegs	...	.29	Para-Aminophenol, 100 lb. kegs..lb	1.25	: 1.30
Methylene Blue, tech. 100 lb. kgs..lb	1.00	: 1.50	Salt, single 400 lb. bbls. NY..lb	...	.11	Hydrochloride, 100 lb. kegs....lb	1.40	: 1.50
USP, medicinal 5 lb. cases....lb	2.25	: 2.60	Double, 400 lb. bbls. NY....lb	...	.10	Para-Dichlorobenzene, 50-300 lb. bbls.		
Michler's Ketone, 225 lb. bbls..lb	...	3.75	Oxide, 100 lb. kegs NY....lb	...	.40	Wks.	.17	: .20
Milk, powd. 150 lb. bbls....lb	.14	: .15	Sulfate, 450 lb. bbls....lb	...	.07	25-50 lb. kegs	.18	: .20
Milk Sugar, see sugar of milk			Nitre Cake, bulk wks....ton	6.50	: 8.00	Paraldehyde, 100 gal. drs....lb	...	: .35
Mineral Oil, see oil mineral			500 lb. bbls.	13.00	: 14.00	Paraformaldehyde, USP 100 lb. ca. lb	.52 1/4	: .55
Monochlorobenzene, see chlorobenzene			Nitrobenzene, crude, 1000 lb. drs.			Para-Nitroacetanilid, 300 lb		
Monomethylaniline, 900 lb. drs....lb	...	1.00	Wks.	...	.09	bbls.	.55	: .60
Monomethyl paraamidino sulfate			Redistilled, 1000 lb. drs. wks..lb	...	.09 1/4	PARA-NITROANILINE, 300 lb. bbls.		
100 lb. drs.	...	4.00	Nitronaphthalene, 550 lb. bbls..lb	...	.20	Wks. ton	.74	: .75
MORPHINE Sulfate, USP 5 oz. tins			Nitrotoluene, mixed 1000 lb. drs.	...	.14	Para-Nitrochlorobenzene, 1200 lb. drs.		
10 oz.	...	6.35	Wks.	...	.15	Wks.	.21	: .30
Acetate, 5 oz. tins 10 oz. lots on	...	6.35	OIL FUEL, see Fuel Oil			Para-Nitro-ortho-Toluidine, 300 lb		
Hydrobromide, 5 oz. tins 10 oz. lots	...	6.35	OIL MINERAL, wh. 50 gal. bbls.gal	1.00	: 1.25	bbls.	2.75	: 2.85
Hydride, 5 oz. tins 10 oz. lots	...	6.35	ul. Mirbane, see Nitrobenzene			Para-Nitrophenol, 185 lb. bbls....lb	.75	: .80
Diacetyl Alk., 1/4 oz. vials. 10 oz.	...	10.20	Opium, see crude drugs			Para-Nitrodimethylaniline, 120 lb		
Hydride, 1/4 oz. vials. 10 oz. lots	...	9.35	Orange Mineral, 800 lb. cases NY..lb	...	.15 1/4	gbls.	1.25	: 1.30
Ethyl Hydride, 1/4 oz. vials. 10 oz. lots	...	10.45	500 lb. bbls. NY....lb	...	.15 1/4	Para-Nitrotoluene, 350 lb. bbls..lb	.50	: .55
Small Sizes: 1/4 oz. vials. 50c extra; 1/2 oz. 25c extra; single oz. vials. 75c extra, over price for 5 oz. tins. 25 oz. lots in 5 oz. tins, 10c oz. lower than above schedule. Less than 10 oz. lots 15c oz. higher than above schedule.			Ortho-Aminophenol, 50 lb. kegs....lb	2.50	: 2.75	Para-oxy-Benzaldehyde, 100 lb		
Musk Ambrette, 1 lb. cases....lb	12.50	: 13.00	Ortho-Anisidine, 100 lb. drs....lb	...	...	kegs	1.50	: 1.60
NAPHTHA, Solvent, 110 gal. drs.			Ortho-Dichlorobenzene, 1000 lb. drs.	...	.06	Para-Phenetidin, 500 lb. drs....lb	1.55	: 1.80
Wks.	...	.29	Wks.	...	.08	Para-Phenylenediamine, 350 lb		
8000 gal. tank cars wks....gal	.26	: .28	Ortho-Nitrochlorobenzene, 1200 lb. drs. wks.	...	.18	bbls.	1.40	: 1.50
			Ortho-Nitrophenol, 350 lb. 3 bbls. lb	...	1.15	Para-Toluene-Sulfonamide, 175 lb		
			Ortho-Nitrotoluene, 1000 lb. drs.	...	.09	bbls.	.40	: .41
			Wks.	...	.18	Para-Toluene-Sulfonchloride, 410 lb		
			Ortho-Toluidine, 350 lb. bbls....lb19	bbls. wks.	.25	: .30
			Oxgall, USP 5 lb. bot....lb	...	3.00	Para-Toluidine, 350 lb. bbls. wks. lb	.85	: .90

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PARIS GREEN

Arsenic Basis, 500lb kegs....	28	: 30
Kegs, 100lbs.....	32	: 33
Kits, 56, 38, 14lbs.....	31	: 33
Packages, 5 and 2lbs.....	32	: 33
Packages, 1lb, 1/2, 1/4lb.....	34	: 38

Paris White, see whitening, French

Pepsin, USP 5lb bot.....	2.25	: 2.50
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PETROLATUM, green 300lb bbls.

Dark Amber 300lb bbls.....	.03 1/4	: .03
Light Amber, 300lb bbls.....	.03 1/4	: .04
Cream White, USP 300lb bbls.	.07	: .07 1/4
Lily White, USP, 300lb bbls.	.09	: .09 1/4
Snow White, USP, 300lb bbls.	.12 1/4	: .13

Phenol, see also acid carbolic

American makers, drums wks..	.28	: .30
Open market, 950lb drs.....	.28	: .29
240lb des drs. wks.....	.28	: .30

Natural 240lb des drs. wks..

Imported, 336lb des drs.....	...	: .28
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Phenolphthalein, USP 100lb drs.

5lb cans, 100lb lots.....	1.55	: 1.65
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Phenyl-Alpha-Naphthylamine 100lb

kegs.....	...	: ...
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Phenylethylalcohol, 1lb bot....

Imported.....	6.75	: 8.75
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Phosgene, 100lb cylinders.....

Phosphorus Oxichloride, 175lb cpl.	.35	: .40
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Phosphorus, red 110lb ca. wks....

Imported, 112lb cans.....	...	: ...
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Yellow, 110lb ca. wks.....

Imported, 112lb cans.....	.35	: .40
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Phosphorus Trichloride, 175lb cpl.

wks.....	...	: .45
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Phthalic Anhydride, 175lb bbls..

Pilocarpine Hydrochloride, USP 25 ca.	.30	: .35
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lots, 1 ca. vials.....

Nitrate.....	...	: 7.50
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Single cunes.....

Alkaloid, 15 gr. vials.....	...	: 7.75
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...	...	: .85
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Piperazine Hydrate, 1lb bot....

Pitch, Coal-Tar, wks.....	16.00	: 16.00
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Plaster Paris, tech. 250lb bbls.bbl

True Dental, 300 bbls.....	3.00	: 3.30
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Platinum, metal soft 10 oz. lots—oz

Podophyllin, 5lb bot.....	4.50	: 4.50
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Second Hands.....

POTASH, CAUSTIC, solid 88-92%	...	: ...
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700lb drs. wks.....

Imp., 88-92% 700lb drs. NY.D	.09	: .09 1/4
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USP, by alcohol 5lb cans....

cases.....	.07 1/4	: .07 1/4
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POTASSIUM Acetate, USP, 100lb

kegs.....	.46	: .48
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kegs.....

Bicarbonate crys. 220lb bbls..	.30	: .31
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Bichromate, crys. 900lb casks

wks.....	.10	: .10 1/4
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Powd., 900lb casks wks.....

Rinnoxalate, 300lb bbls.....	...	: .12
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Rinnoxalate, C.F. 5lb cans....

100lb kegs.....	.33	: .34
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Bromate, 100lb cs.....

Bromide, USP cryst. 450lb	...	: .30
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bbls.....

Granular, 300lb bbls.....	...	: .22
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Cases 100lb.....

Imported, USP, 220lb cs..	...	: .45
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CARBONATE, 80-85% calc.

800lb cks.....	.15 1/4	: .17
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 80-85% hydrated, 800lb | cks..... | 90-95% calc. casks..... | 98-98% calc. casks..... | 99% calc. casks..... | USP, 100lb kegs..... | 99% CP casks..... |

POTASSIUM—(Continued)

Chlorate, crys. 112lb kgs. c/l

wks.....	.08 1/4	: .08 1/4
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Imp. 112lb kegs NY.....

Powd., 112lb kegs wks.....	.06	: .06 1/4
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Imp. kegs NY.....

Pyrotechnic, fine powd. NY..	.08 1/4	: .09
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USP, fine crys. 110lb kegs

NY.....	.08	: .09
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Citrate, USP 10lb cans.....

Cyanide 110lb cases.....	.63	: .66
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Glycerophosphate, 75% Soln. 25lb

tins.....	...	: .65
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Guaicol Sulfonate, 5lb cans,

10lb.....	1.60	: 1.70
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Hypophosphite, 10lb cans.....

Iodide, USP, 100lb cases.....	1.75	: 2.00
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Second Hands, cases.....

Lactophosphate, 4oz bot.....	...	: .85
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Metabisulfite, 300lb bbls.....

Imp., 300lb bbls.....	...	: .90
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Muriate, 80%, 200lb bags, NY

K ₂ O unit.....	...	: .23
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Nitrate, see Saltpetre

Oxalate, neutral, 100lb kegs..

Perchlorate, 112lb kegs.....	.40	: .45
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PERMANGAN, USP, crys. 112lb

drs.....	.09	: .10
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Prussiate, red, 100lb bbls....

500lb casks.....	.17 1/4	: .18
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Prussiate, yellow, 500lb casks.

Salicylate, 25lb cans.....	...	: .62
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Sulfate, 200lb bags, NY.K₂O unit

USP, VIII, 100lb kegs.....	...	: .60
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Sulfocyanide, CP 25lb jars....

Tartrate, neutral, 100lb kegs.	...	: .32
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 Titanium Oxalate 200lb bbls. |

...	.15	: .18
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...	.37	: .30
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Chemicals

Pumice Stone, lump, 250 lb bbls. lb. .04% .06	QUININE—(continued)	Santonin USP, 1 lb bot. lb.
Lump, bags lb. .03% .05	Tartrate lb. .... .88	Powd. 1 lb bot. lb.
Powdered, 350 lb bbls. lb. .02% .03	Valerate lb. .... .89	Saponin, ex Quillaja, 5 lb tins. lb. 1.00 : 1.25
Pyridine, 50 gal. drums. gal. 4.50 : 5.00	Small Sizes: 1 oz vials or cans, 5000 lots, 5c ea extra; 2500 cans, 5000 lots 3c ea extra; 2500 cans, 5000 lots 2c ea extra; single 100 vials or cans, 5c extra. All minor quinine salts sold and quoted basis 10000 lots in 10000 cans. Sulfate and bisulfate sold basis 10000 lots in 10000 cans. Smaller orders or containers extra as above schedule.	Satin White, 500 lb bbls. lb. .... .01%
QUICKSILVER, see Mercury		Schaeffer's Salt, 250 lb bbls. lb. .60 : .65
Quinidine Alk., 10000 tins. oz. .... .75		Scopolamine, see hyoscyne
Sulfate, 10000 tins. oz. .... .50		Seidlitz Mixture, 225 lb bbls. lb. .17 : .18
Quinidine, see Chinidin		SILICA
QUININE SULFATE, USP,		Crude, bulk, mines. ton 10.00 : 12.00
American, 10000 tins. oz. .... .50		Refined, floated, bags. ton 18.00 : 30.00
100 tins, 10000 lots. oz. .... .57		Air floated, bags. ton 32.00 : 50.00
Dutch, 10000 tins. oz. .... .50		Extra, floated, bags. ton 55.00 : 65.00
Java, 10000 tins. oz. .... .50		SILVER, metal, American. oz. .... .99%
Japanese, 10000 tins. oz. .... .50		Foreign oz. .... .62%
QUININE ALK., USP, 10000 tins. oz. .... .67		Colloidal, 1600 bot. oz. 2.80
Acetate oz. .... .88		Silver Iodide, 1600 bot. oz. .... .68
Arsenate oz. .... .88		Nitrate, USP, 2000 bot. oz. .43 : .45
Benzoate oz. .... .88		Nucleinate, 1600 bot. oz. .30 : .35
Bisulfate, USP oz. .... .50		Proteinates, 1600 bot. oz. .34 : .39
Citrate oz. .... .62		Soap, Castile, 40 lb kgs. lb. .20 : .25
Dihydrochloride, USP oz. .... .66		Powd. USP, 250 lb bbls. lb. .28 : .29
Dihydrochloride oz. .... .66		Green, USP, 150 lb kgs. lb. .07 : .07%
Dicarbonate, 1000 tins. oz. 2.50		Soapstone, see Talc, crude
Ethyl Carbonate, 16 oz tins. oz. .95		SODA ASH, 58% light bags NY flat, ex-warehouse. 100 lb : 2.00
Ferrocyanide oz. .... .88		Bbls., ex-warehouse. 100 lb : 2.25
Formate oz. .... .85		Contract, Basis 58% bags c/l wks. 100 lb 1.45 : 1.50
Glycerophosphate oz. .... .88		Prompt and spot, Basis 58% bags c/l wks. 100 lb 1.51 : 1.56
Iodide oz. .... .88		Soda Ash, 58% dense, bags ex-warehouse, NY. 100 lb : 2.07
Hydrobromide, USP oz. .... .62		Bbls., ex-warehouse. 100 lb : 2.30
Hydrochloride, USP oz. .... .62		Contract, Basis 58% bags c/l wks. 100 lb : 1.51
Hydrochlorosulfate oz. .... .66		Pmt. and spot, Basis 58% bags c/l wks. 100 lb 1.56 : 1.63
Hydride & Urea, USP lb. .... .88		Prices on soda alkalies are based on actual percentages and not N. Y. & L. test.
Hypophosphite oz. .... .83		SODA, CAUSTIC, 76% solid, resale, NY flat. 100 lb 3.30 : 3.50
Lactate oz. .... .78		76% solid drs. ex-warehouse NY. 100 lb : 3.70
Phenolsulfonate oz.88		
Phosphate oz.74		
Sulcyate, USP oz.63		
Tannate, USP oz.45		



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36%—45%

Solvay Snow Flake Crystals

Solvay Laundry Soda

Solvay Cleansing Soda

Solvay Tanners Alkali

Solvay Tanners Soda

Solvay Liquid Caustic Soda



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Chemicals

SODA CAUSTIC—(Continued)

Contract basis 76% c/l wks. 100 lb	...	3.16%	
Pmpt and spot, Basis 76% c/l wks.	100 lb	3.28% : 3.31	
Contract 76% low grade c/l wks. flat	100 lb	...	3.35%
Ground & flake, 76% pmpt and spot, wks c/l drs.	100 lb	...	3.45
Contract, 76% drums, c/l wks flat	100 lb	...	3.60
76% drs. ex-warehouse NY 100 lb	...	...	4.15
USP, stick, 10 lb cans.	...	.19	.21
Pure, stick, by alcohol.	...	.25	.27
SODIUM ACETATE, crys 450 lb bbls			
wks.	...	.05	.05%
Ton lots, bbls. wks.	...	...	.05
Imp 500 lb cans.	...	...	.05
Aluminum Sulfate, see alum soda.	...	...
Benzonate, USP, 100 lb bags.	...	.65	.68
Bicarbonate, 400 lb bbls NY 100 lb	...	...	2.25
Bbls. c/l wks.	100 lb	...	2.00
112 lb kegs wks.	100 lb	...	2.25
112 lb kegs, NY.	100 lb	...	2.50
Bichromate, 600 lb cans wks.	...	...	.08
Casks, c/l wks.	...	.07%	.08
Casks, NY.	...	.08	.08%
Bisulfite, dry powder, 500 lb bbls. wks.	...	...	.04%
Solution, 32-40°, 500 lb bbls. wks.	100 lb	1.35	1.75
Bromate, 100 lb cs.	...	...	.05
Bromide, USP, 500 lb bbls.	...	...	.24
Cases, 100 lb	...	...	.25
Imp. USP, 112 lb cs.	...	.18%	.19
Carboxylate, USP, 5 lb bot. 25 lb	...	5.50	5.75
Carbonate, sal soda, 350 lb bbls le/l NY	100 lb	1.30	1.35
Works c/l	100 lb	1.10	1.30
Monohydrate, 400 lb bbl.	...	...
le/l	100 lb	...	2.45
Pure photographic, 100 lb kg	...	.08	.09

SODIUM—(Continued)

SODIUM (—Continued—)			
Chlorate, 112 lb kegs, wks....	..	.06%	.06%
Imported, 112 lb kegs.....	..	..	.06%
Chloride, tech. 200 lb bags, ton	12.00	13.00	
C. P. 300 lb bbls.....	..	.05	.06
Citrate, USP, IX, 100 lb kegs. lb	..	..	.62
USP, VIII, 100 lb kegs.....	..	..	.55
Cyanide, 98-98%, 100 lb cases			
wks.....	..	..	.23
Ton lots, wks.....	..	..	.23
75-76%, 100 lb cases, wks. lb	..	..	.20%
125-128%, 200 lb cs.....	..	..	.21
120-125%, 200 lb cs.....	..	..	.20%
Fluoride, 350 lb bbls, NY imp. lb	..	.09	.09%
Glycerophos. USP, crys 25 lb			
cans.....	1.65	1.75	
Powder, 25 lb tins.....	1.70	1.80	
Solution, USP 25 lb tins.....	1.00	1.05	
Hydroxide, see Soda Caustic			
Hypochlorite, Soln, 100 lb chys. lb	..	..	.05
14% soln., 50 lb chys. lb	..	..	.04
Hydroxide, 200 lb bbls, wks. lb	.19	.22	
Hypophosphite, USP, 25 lb cans			
lb.....	..	..	.75
HYPOSULFITE, tech. pes crys.			
375 lb bbls. wks.....	2.90	3.30	
Bbls. c/l wks.....	..	..	2.75
100 lb kegs wks.....	3.00	3.60	
Granulated, bbls. wks.....	3.15	3.55	
Bbls. c/l wks.....	..	..	3.00
Kegs wks.....	3.25	3.85	
Regular crystals.....	2.65	2.90	
Iodide, USP, 25 lb tins.....	..	..	4.25
Metanilate, 150 lb bbls.....	..	.55	.60
Naphthionate, 300 lb bbls.....	..	.60	.62
Nitrate, crude, 95%, 200 lb bags			
c/l NY.....	2.42%	2.45	
Futures, NY.....	..	..	2.45
Double Refined, 400 lb bbls			
gran c/l wks.....	..	..	.04%
Nitrite, 500 lb bbls, wks.....	..	..	.07%
Bbls. spot, makers.....	..	..	.07%
Imp. 650 lb cans.....	..	..	.07%
Ortho-Chloro-para-Toluene Sulfonate.			
175 lb bbls. wks.....	.25	.27	

SODIUM—(Continued)

Oxalate, neutral, 100 lb kegs.	...	...	.40
Perborate, 275 lb bbls.	...	...	.22
imp., 225 lb drs.	...	...	.18 : .19
Peroxide, 200 lb cases.	...	...	.25 : .27
Phosphate, di-sodium, tech 550 lb bbls.	...	...	.03% : .03%
USP, gran. 275 bbls.	...	...	.07 : .07%
Imp. gran.	...	...	.05% : .06
USP, recrys 275 bbls.	...	...	.10 : .11
Mono-sodium 100 lb kegs.	...	...	.24 : .26
Tri-sodium tech. c/l, bbls.	...	...	.04% : .05
Picramate, 100 lb kegs.	...	...	.60
Para-Toluene Sulfonate, 175 lb bbls	...	...	.08 : .09
PRUSSIAN, yellow, 250 lb bbls.	...	...	.14
Imp. 450 lb cks.	...	...	.13% : .14
Pyrophosphate, 100 lb kegs.	...	...	.18 : .22
Salicylate, 100 lb kegs.	...	...	.40
Second Hands, USP, kegs.	...	...	.37 : .40
Silicate, 60° 700 lb bbls. f.a.s. NY	100 lb	...	2.00
Works, 1000 lb drums.	100 lb	...	1.90
Works, tanks	100 lb	...	1.75
40° domestic. 700 lb c/l f.a.b. wks.	100 lb	...	.80
Works, 1000 lb drums.	100 lb	...	.82%
Works, tanks	100 lb	...	.75
Spot, drums, bbls.	100 lb	...	1.30 : 1.50
Silicofluoride, 450 lb bbls, NY.	...	...	.07% : .07%
Sulphate, see Glauber's Salt.	...	...
Sulfide, 40% solid, 650 lb drs le/l wks.	...	...	.05 : .05%
Drs. c/l wks.	...	...	.03% : .04%
Imp. 700 lb drs. NY.	...	...	.03 : .03%
50% broken, 650 lb drs wks.	...	...	.05 : .05%
Imp. 500 lb drs. NY.	...	...	.03% : .04
30% crys. 400 lb bbls. wks.	...	...	.02 : .02%
Imp., 400 lb bbls.02 : .02%
Sulfite, crys. 400 lb bbls. wks.03% : .03%
Desiccated, 400 lb bbls.09% : .10

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Chemicals

SODIUM—(Continued)			SULFUR, crude, bulk, c/l NY..ton			Thiocarbamid, 170D bbls.....D		
Sulfocarbamate, USP, 100D			Crude, f.a.b. mines.....ton	14.00	15.00	Thymol, USP, 100D cans.....D	3.25	3.50
kegs.....D	.42	.44	Brimstone, 250D bags, c/l 100D	1.75	1.95	Iodide, 5D boxes.....D		6.75
Sulfocyanide, 400D bbls.....D	.45	.47	Less c/l bags NY.....100D	1.85	2.10	TIN, Metal Straits, NY.....100D		42.00
Tungstate, crys. 100D kegs.....D		.55	Roll, 500D bbls. c/l NY.100D		2.15	American standard, NY.....100D		41.50
Densified.....D		.65	Less c/l bags NY.....100D	2.30	2.45	99% American, NY.....100D		41.25
Solvent Naphtha, see Naphtha			Flour, Heavy, 290D bbls, 100D	2.50	3.05	Bichloride, 50% soln 100D		
Sparacin Sulfate, USP, 25oz bulk.oz	.60	.70	Light, 100%, 260D bbls, 100D	2.60	3.15	bbls. wks.....D		12 3/4
Single oz. vial.....oz		.77	Rubbermakers 100%, 240D			Crystals, 500D bbls. wks.....D		31 1/2
Starch, rice, 140D bags.....D	.09	.10	bbls. NY.....100D	2.60	3.15	100D kegs, wks.....D		.32
STRONTIUM Bromide, USP, 100D			Commercial, 99%, 150D bgs	1.35	1.65	Oxide, 400D bbls. wks.....D		.45
kegs.....D		.33	NY.....100D			100D kegs wks.....D		.47
Carb. 600D bbls. wks.....D		.07	For Durling, 99%, 100D			Tetrachloride, 1000D drs. wks.D		.26
100D kegs wks.....D		.08	bgs NY.....100D	2.00	2.50	Tolidine, 350D bbls.....D	.95	1.00
Iodide, USP, 25D jars.....D		4.00	Flowers, 100%, 240D bbls	3.00	3.55	Sulfate, 350D bbls.....D		1.00
Nitrate, 600D bbls. wks.....D		.11 1/2	NY.....100D			Toluene, 8000gal tank cars, wks.gal	.28	.28
Imp., bbls, NY.....D	.10	.11	Precipitated, 125D bbls NY..D	.14	.16	110gal drs. wks.....gal	.31	.33
Salicylate, USP, 100D kegs.....D		.75	Lac. 125D bbls NY.....D	.07	.10	Toluidine, Mixed, 900D drs. wks.D	.31	.32
STRYCHNINE Alkaloid, USP, crys			Sulfur Chloride, red, 700D drs.		.06	Tribromphenol, 100D cases.....D		1.00
100oz tins.....oz		1.15	wks.....D		.06	Trional, see Sulfonethylnmethane		
ALK, powd, USP.....oz		1.65	150D chys. wks.....D		.05	Triphenyl Phosphate, 450D bbls.D		.60
Acetate.....oz		1.05	Yellow, 700D drs. wks.....D		.05	Tripoli, 500D bbls.....100D	2.50	3.00
Glycerophosphate, USP.....oz		1.05	150D chys. wks.....D		.07	Tungsten NY.....Wt, unit	8.35	9.00
Hydrobromide.....oz		1.05	Sulfur Dioxide, 100D cyl.....D	.08	.08 1/2	UREA, pharm. 112D cases.....D		.30
Hydrochloride.....oz		1.05	Iodide, USP, VIII, 5D bot..D		4.55	VANILLIN, USP, 400oz cans.....oz	.40	.40 1/4
Hypophosphite.....oz		1.15	Sulfuric Ether, see Ether.			Cans, 80 oz.....oz		.40 1/4
Nitrate, USP.....oz		1.05	Sulfuryl Chloride, 600D drs D		.70	Cans, 16 oz.....oz		.41 1/4
Phosphate.....oz		.84	ITALC, Italian, 290D bags NY..ton	35.00	40.00	Verdigris, see Copper Subacetate		
Sulfate, USP, crys powd.....oz		2.15	Refined, white, bags.....ton	42.00	55.00	Vermilion, Amer. 100D kegs.....D		.35
Saccharinate.....oz			French, 220D bgs. NY.....ton	25.00	30.00	English, kegs.....D		1.30
Strychnine preparations quoted bases			Refined, white, bags.....ton	32.00	45.00	Veratrine Sulfate, 1oz vial.....oz		2.00
100oz lots in 100oz tins. Small Sizes;			Dom., crude, 100D bags NYton	10.00	15.00	Hydrochloride, 1oz vial.....oz		2.00
1/4oz vials, 50c extra; 1/2oz vials, 25c			Refined, 100D bags NY.....ton	18.00	25.00	Veronal, see Acid Diethylbarbituric		
extra; single ounce vials, 7c extra. Lots			Tartar Emetic, tech. 700D bbls.D	.25	.26	WHITE LEAD, see lead, white.		
of 25 oz. 5c higher than above			USP, 300D bbls.....D		.34 1/2	White Precipitate, see mercury.		
schedule. Lots of less than 25 oz.			Terpin Hydrate, USP, 100D kegs.D	.60	.62	Whiting, 200D bags, c/l wks.ton	14.00	15.00
10c higher per oz.			Terpineol, CP 1000D drums...D	.54	.55	Bags, 1c/l NY.....ton		23.50
Sugar Milk, USP, 200D bbls...D	.21	.22	Cans, 50D.....D	.58	.60	Gliders, bags, NY.....ton	13.50	15.00
Second Hands, USP, bbls.....D	.21	.22	Imported, cans, 25D.....D	.95	1.20	French, bags, NY.....ton		18.00
Sulfonal, see Sulfonmethane.			Terpenyl Acetate, 25D cans...D	1.65	1.85	English, bags, NY.....ton		23.00
Sulfonethylnmethane, USP, bxs 5D.D		3.00	Terra Alba, No. 1, 800D bbls100D	1.85	1.90	Witch Hazel Extract, 50gal. bbls.gal	1.20	1.25
Sulfonmethane, USP, 5D bxs...D		4.00	No. 2, bbls.....100D	1.25	1.35			
			Theobromine ALK, 5D cans.....D		5.75			
			and Sod. Salicylate, 1D bot..D		3.50			



LES USINES




ALLONDON

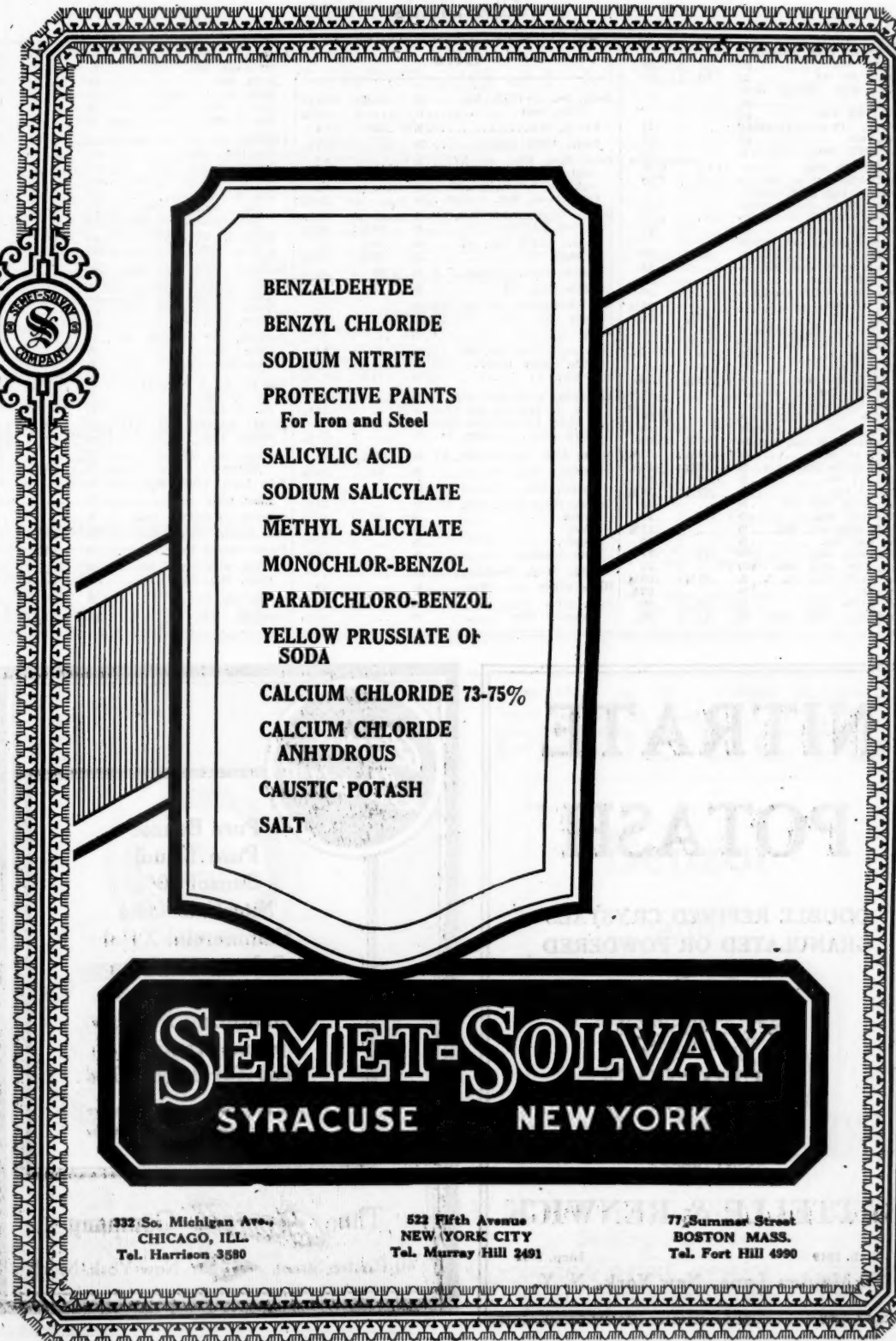
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Chemicals

XYLENE, 2° dist range, nitration
110gal. drs. NY.....gal	1.65
5° dist. range, 8000gal tanks
110gal. drs. wks.....gal	...	...	...
Commercial, 110 gal drs., wks.gal	...	...	...
Tanks, wks.....gal	...	...	...
Xylidine, 900lb drs.....lb	...	...	...
YARA YARA, 1lb tins.....lb	1.75	2.00	...
Yohimbin Hydchloride, 1 oz. vial. oz	7.25	7.50	...
ZINC, METAL, high grade, slabs	...	...	...
Common Slabs, c/l NY.....100lb	6.85	6.95	...
Mossy, 25lb drs NY.....lb	...	...	...
Ammonium Chloride, powd., 400lb	...	...	...
bbbs.....lb	...	...	...
Carb. tech. 150lb kegs NY.....lb	...	...	...
USP, 100lb kegs.....lb	...	...	...
Chloride, fused, 600lb drs.wks.lb	...	...	...
Drs. c/l wks.....lb	...	...	...
Imp. drs. NY.....lb	...	...	...
Granulated, 500lb bbls.wks.lb	...	...	...
Imported, drs. NY.....lb	...	...	...
USP, 25lb jars.....lb	...	...	...
Cyanide, 100lb drs.....lb	...	...	...
Dust, 100lb tins wks.....lb	...	...	...
500lb bbls, kegs, lc/l wks.....lb	...	...	...
500lb bbls, kegs, c/l wks.....lb	...	...	...
Iodide, 5lb bottles.....lb	...	...	...
Nitrate 25lb jars.....lb	...	...	...
Oxide, Amer. 300lb bbls, wks.....lb	...	...	...
Bbls. c/l wks.....lb	...	...	...
French, 300lb bbls wks.....lb	...	...	...
Bbl c/l wks.....lb	...	...	...
Bags, c/l wks.....lb	...	...	...
USP, 100lb bbls, c/l.....lb	...	...	...
Ten lots, wks.....lb	...	...	...
Imported, white seal, bbls.....lb	...	...	...
Green seal, bbls.....lb	...	...	...
USP, 100lb bbls.....lb	...	...	...
Stearate, USP, 50lb bbls.....lb	...	...	...
Sulfate, 400lb bbls, wks.....lb	...	...	...
Bbls. c/l wks.....lb	...	...	...
USP, 100lb kegs.....lb	...	...	...
Sulfocarbonate, 100lb kegs.....lb	...	...	...

Oils

Castor, No. 1, 400lb bbls.....lb	...	...	...
80lb cases.....lb	...	...	...
No. 3, bbls.....lb	...	...	...
Blown, 400lb bbls.....lb	...	...	...
China Wood, bbls., spot NY.....lb	...	...	...
8000 gal. tks. NY.....lb	...	...	...
Sept. Oct., forward, bbls, China.lb	...	...	...
Coast, tanks, Sept. forward.....lb	...	...	...
Coconut Ceylon, 375lb bbls, NY.lb	...	...	...
8000 gal. tanks, NY.....lb	...	...	...
Cochin, 375lb bbls, NY.....lb	...	...	...
Tanks, NY.....lb	...	...	...
Mandla, tanks, P. Coast.....lb	...	...	...
Edible, bbls, NY.....lb	...	...	...
Cod Newfoundland, 50 gal. bbls.gal	...	...	...
Tanks, NY.....gal	...	...	...
Copra, bags.....lb	...	...	...
Corn, ref. 375lb bbls, NY.....lb	...	...	...
Crude, tanks mills.....lb	...	...	...
Bbls, NY.....lb	...	...	...
Cottonseed, crude tks, mills.....lb	...	...	...
P. S. Y., 100 bbl. lots NY.....lb	...	...	...
White, 100 bbl. lots NY.....lb	...	...	...
Winter yellow, 100 bbls, NY.....lb	...	...	...
Degras, Amer. 50 gal. bbls., NY.lb	...	...	...
English, bbls, NY.....lb	...	...	...
Neutral, bbls, NY.....lb	...	...	...
Greases, choice white, bbls, NY.....lb	...	...	...
Yellow.....lb	...	...	...
Brown.....lb	...	...	...
House.....lb	...	...	...
Bone naphtha.....lb	...	...	...
Herring, Tanks, Coast.....gal	...	...	...
Howe, 375lb bbls, NY.....lb	...	...	...
Lard, prime steam bbls.....lb	...	...	...
Compound bbls.....lb	...	...	...

LARD OIL, Edible prime, bbls.....lb	...	...	...
Off prime, bbls.....lb	...	...	...
Extra bbls.....lb	...	...	...
Extra No. 1, bbls.....lb	...	...	...
No. 1 bbls.....lb	...	...	...
No. 2 bbls.....lb	...	...	...
LINSEED, raw c/l bbls. spot.....gal	...	...	...
Fire bbls., raw.....gal	...	...	...
Bolled, 5 bbl. lots.....gal	...	...	...
Double bolled 5 bbl. lots.....gal	...	...	...
Raw lc/l bbls.....gal	...	...	...
Sept., Oct., c/l bbls.....gal	...	...	...
Nov. forward, c/l bbls.....gal	...	...	...
Imported, bbls., NY.....gal	...	...	...
Tanks, NY.....gal	...	...	...
Menhaden, crude, bbls, wks.....gal	...	...	...
Light strained, tanks.....gal	...	...	...
Light strained, bbls, NY.....gal	...	...	...
Yellow bleached, bbls, NY.....gal	...	...	...
Blown, bbls, NY.....gal	...	...	...
Neatsfoot, 20° c.t. bbls, NY.....lb	...	...	...
Extra, bbls, NY.....lb	...	...	...
Pure, bbls, NY.....lb	...	...	...
Uleo Oil, No. 1, bbls, NY.....lb	...	...	...
No. 2, bbls, NY.....lb	...	...	...
No. 3, bbls, NY.....lb	...	...	...
OLIVE, denatured bbls, NY.....gal	1.10	1.15	...
Edible, bbls., NY.....gal	1.70	2.00	...
Foots, bbls, NY.....lb	...	...	...
Shipment.....lb	...	...	...
Palm Lagos, 150lb casks.....lb	...	...	...
Niger casks.....lb	...	...	...
Bonny old Calabar, casks.....lb	...	...	...
Palm Kernel, 1500lb casks NY.....lb	...	...	...
Peanut, refined bbls, NY.....lb	...	...	...
Crude, mills buyers' tks.....lb
Crude, bbls, NY.....lb
Perilla, bbls, NY.....lb
Poppyseed, bbls, NY.....gal	2.20	2.20	...

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Oils and Fertilizers

Hapsessed, refined bbls, NY.....gal	.76	.77
Blown, bbls, NY.....gal	.93	.95
Rod Oil, distilled, bbls.....lb	..	.09%
Saponified, bbls.....lb	..	.09%
Tanks.....lb	..	.09
Salmon, 8000 gal. tks. Coast.....gal	..	..
Sesame, domestic edible bbls.....lb	..	.12%
Sod Oil, bbls, NY.....gal	..	.45
SOYA BEAN, crude tks. Coast.....lb	.09	.09%
Crude, Tks. D.P., NY.....lb	..	.10%
Crude, bbls, NY.....lb	..	.11
Sperm, 38° c. t. blechd. bbls, NY.gal	..	.92
45° cold test, blechd. bbls, NY.gal	..	.94
STEARIC ACID, s.p. 200 lb bags. lb	.13%	.13%
Double pressed, bags.....lb	.13%	.14
Double pressed, bgs., saponified. lb	.13%	.14
Triple pressed, bgs., distilled. lb	.14%	.15%
Triple pressed, bgs., saponified. lb	.14%	.15%
Stearine, oleo, bbls.....lb	.12%	.12%
Lard, bbls.....lb	..	.14
Tallow, edible, tierces.....lb	..	.10%
City extra, loose.....lb	..	.08
Tallow Oil, acidless tks. NY.....lb	..	.10%
Bbls., c/1 NY.....lb	..	.12%
Walnut, crude bbls, NY.....lb	..	..
Whale, nat. winter bbls, NY.....lb	..	.75
Rchd. winter bbls, NY.....gal	.78	.80
Extra Blechd. bbls, NY.....lb	..	.83
Crude, No. 1, tanks Coast.....lb	..	..
Crude, No. 2, tanks Coast.....lb	..	..
Crude No. 3, tanks Coast.....lb	..	..

Fertilizer Materials

Ammon. Sulf, bulk wks.....100lb	3.00	3.05
Double bgs. f.a.s. NY.....100lb	..	3.15
Blood, dried f.o.b. NY.....unit	..	3.73
Bone, 3 & 50 ground steamed. ton	25.00	28.00
Raw, Chicago.....ton	..	30.00

Cyanamide wks.....unit	2.20	2.25
Fish Scrap, dried wks.....unit	3.80	.10
Acid, Bulk, 7 & 3 1/2, sav.....unit	3.25	.10
NITRATE SODA, NY.....100lb	2.42 1/2	2.45
Phosphate Rock, f.o.b. mines, Florida pebble, 68-75%.....ton	3.25	4.50
Tennessee, 72%.....ton	..	5.50
Phosphate Acid, 16% Bulk wks.....ton	8.00	8.50
Potassium Muriate, 80%.....unit	..	.68
Sulfate.....unit	..	.93
Steamed Bone Meal, NY.....ton	32.00	35.00
Tankage, ground, NY.....unit	3.60	.10
High grade f.o.b. Chicago.....unit	3.15	.10

Naval Stores

(Carloads ex-yard N. Y.)

Spirits Turpentine, bbls.....gal	.95	.96
Wood Turpentine, stm. distd. bbls.gal	..	.85
Destructive distilled, bbls.....gal	..	.60
Pine Oil, stm dist'd, bbls.....gal	..	.65
Pitch, prime.....bbl	5.50	6.00
Rosins. (Sold in 600 lb bbls., gross for net, quotations based on a unit of 280 lb.)		
B.....280lb	..	5.70
D.....280lb	..	5.90
E.....280lb	..	5.90
F.....280lb	..	5.90
G.....280lb	..	5.90
H.....280lb	..	5.90
I.....280lb	..	5.90
K.....280lb	..	5.90
M.....280lb	..	6.00
N.....280lb	..	6.25
WG.....280lb	..	6.75
WW.....280lb	..	7.25

Rosin Oil, first run, 50 gal. bbls.gal	..	.45
Second run, bbls.....gal	..	.47
Tar, kiln-burnt.....bbl	..	12.00
Retort.....bbl	..	11.00

Woods

Barwood, chips.....lb	.04%	.05
Canwood, chips.....lb	.09	.13
Diri Divi, pods 100-200 lb bags. ton	40.00	42.00
Fustic, sticks.....ton	30.00	32.00
Chips.....lb	.04	.06
Hemlock, bark.....ton	..	20.00
Hyperic, chips.....lb	.06%	.07
LOGWOOD, sticks.....ton	28.00	30.00
Chips 150 lb bags.....lb	.02%	.03
Mangrove bark, African.....ton	34.00	36.00
Bark, South American.....ton	25.00	30.00
Myrobalans, 150 lb bags J1.....ton	..	33.00
B1.....ton	..	35.00
J2.....ton	..	27.00
Nutmalls, see Crude Drugs.		
Oak bark, whole.....ton	20.00	23.00
Ground.....ton	..	25.00
Quercitron bark, rough.....ton	..	10.00
Ground.....ton	26.00	25.00
Sumac, Sicily, 160 lb bags.....ton	78.00	80.00
Virginia, 150 lb bags.....ton	..	35.00
Valonia Cups, 28-33% tan.....ton	36.00	38.00
Seard, 40% tan, 150 lb bgs. ton	50.00	52.00
Wattle bark, 150 lb bags.....ton	..	35.00

Extracts

Range of prices includes quality range for large quantity.

Annatto, fine.....lb	.26	.29
Archil, double 600 lb bbls.....lb	.16	.15
Triple, 600 lb bbls.....lb	.17	.19
Cone., 600 lb bbls.....lb	.18	.20



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Tannins and Dyestuffs

Chestnut, clarified, 25% tks. wis. D	.02	.02%	Osage Orange, 51° Liquid..... D	.07	.08	Crude Drugs		
Bbls., wks. D	.02%	.02%	Powd. 100 lb bags..... D	.14	.15	acrotides Gum, yel., D	.18	.20
Powd., 60% 100 lb bbls. wis. D	.05%	.06	Persian Berries..... D	.27	.30	ACONITE Leaves, bales..... D	.25	.27
Decolorized, bbls. wis. D	.08	.09	QUEBRACHO, 35% liquid tks. D	.03	.03%	Aconite Root, USP, bags..... D	...	.50
Cudbear, English..... D	.21	.23	450 lb bbls. D	.03%	.04	Agar Agar, 1, 200 lb bales..... D	1.70	1.80
Cutch, Rangoon, 100 lb bales..... D	.13	.16	35% bleaching, 450 lb bbls. D	.04%	.05%	No. 2, bales..... D	1.60	1.70
Borneo, solid, 100 lb bales..... D	.04%	.05%	Solid 65% 100 lb bales..... D	.05	.05%	No. 3, bales..... D	1.58	1.60
Liquid, 450 lb bbls. D	.10	.11	Clarified bales..... D	...	.06	garic, white, cases..... D	...	...
Tablets, 120 lb boxes..... D	.13	.14	Quercitron, 51° 450 lb bbls. D	.06%	.07%	Simmonds, blitter bags bxs..... D	.32	.35
Flavine..... D	.90	.95	Powdered, 100 lb boxes..... D	.09	.13	Sweet, bags..... D	.45	.46
Fustic, solid 50 lb boxes..... D	.14	.16	Spruce, 25% liquid tanks wis. D	.01	.01%	Meal, tins, boxes..... D	.28	.30
Crystals, 100 lb boxes..... D	.22	.24	Powd. 50% 100 lb bags wis. D	.02	.02%	Aletris Root, bags..... D	.55	.60
Liquid, 51°, 600 lb bbls. D	.10	.14	Sumac, Liquid 450 lb bbls. D	.07	.09	Aikanet Root, bags..... D	.07	.08
Gall extract..... D	.16	.18				aloes, Barbados, 120 lb bbls. D	.65	.70
Gambier, 25% liq. 450 lb bbls. D	.08%	.09%	DIYERS' SUNDRIES			Cape, 400 lb cases..... D	.09	.10
Common, 200 lb cases..... D	.10%	.11	Albumen, technical, egg 200 lb cs. D	1.00	1.05	Curacao, 100 lb cases..... D	.08	.08%
Singapore cubes, 150 lb bags..... D	.18	.19	Blood, domestic, 100 lb drs. D	.50	.60	Socotrine, whole 100 lb cs. D	.30	.32
HEMATINE, Paste, 500 lb bbls. D	.11%	.13%	Spray Yolk 150 lb cs. D	.45	.65	Althea Root, cut cases..... D	.25	.28
Crystals, 400 lb bbls. D	.16	.20	British Gum, 140 lb bags c/l 100 lb	...	3.99	Whole bags..... D	.09	.10
Hemlock, 25% 600 lb bbls. wis. D	.03%	.03%	Bags, lc/l 100 lb	...	4.09	ambergis, black boxes..... cs	...	8.00
Hyperric, 51°, 600 lb bbls. D	.15	.20	Dextrin, corn 140 lb bags c/l 100 lb	...	3.65	Grey, boxes..... cs	...	28.00
Indigo, Madras bbls. D	.85	.90	Bags, lc/l 100 lb	...	3.75	ammoniac, tears, bags..... D	1.35	1.40
Manilla, bbls. D	...	1.30	Yellow, bags c/l 100 lb	...	3.69	angelica Root, dom. bags..... D	.14	.15
Larch, 25% 600 lb bbls., wks. D	.03%	.03%	Potato 140 lb bags c/l D	...	.67	ingotura Bark, bags..... D	.08	.10
Powd. 100 lb bags, wks. D	.07%	.08	Bags, lc/l D	.07%	.08%	Ambr, Levant bags..... D	.17	.17%
Logwood, 51°, 450 lb bbls. D	.07%	.12%	Tapioca, 200 lb bags, lc/l D	.09	.10	Russian, bags..... D	.16	.17
Solid, 50 lb boxes..... D	.15	.21	Prussian blue..... D	.60	.62	Star, cases..... D	.13	.14
Madder, Dutch..... D	.28	.30	Sago Flour, 150 lb bags..... D	.04%	.05	Spanish, bags..... D	.21	.22
Mangrove, 55% 400 lb bbls. D	.04%	.05	STARCH, powd. 140 lb bags c/l 100 lb	...	3.22	Ahnatto Seed, bags..... D	.17%	.18
Myrobalsam, 25% liquid bbls. D	.04	.05	Bags lc/l 100 lb	...	3.32	ARABIC GUM,		
50% solid, 50 lb boxes..... D	.04%	.05	Pearl, 140 lb bags c/l 100 lb	...	3.12	White, No. 1, 200 lb bags..... D	.26	.28
Oak, tanks wis. D	.04	.04%	Potato, domestic, 200 lb bags. D	.04%	.05	Seconds, 250 lb bags..... D	.24	.26
25-25% liq. 600 lb bbls. wis. D	.05	.05%	Imported, bags duty paid..... D	.05	.05%	Sorts, amber, 200 lb bags, bbls. D	.13%	.14
			Tapioca Flour, high grade bags..... D	.06	.06%	Powd., USP, 300 lb bbls. D	.21	.22
			Medium grade bags..... D	.04%	.04%	urea Nuts, 150 lb bags..... D	...	.09
			Low grade, bags..... D	.04	.04%	Powd., 200 lb bbls. D	...	.11
			Turkey Red Oil, bbls. D	.11	.12	arnica Flowers, bales..... D	.08	.08%
			Yolk Oil, bbls. D	...	.35	Root, bags..... D	.20	.22
						arrowroot, Amer. powd. bbls. D	.06%	.09%
						St. Vincent, powd. bbls. D	.14	.14%
						Asafoetida, USP, 250 lb cases..... D	.22	.24
						Powd. 50 lb bbs..... D	.50	.53
						BALM GILEAD BUDS, bags..... D	.38	.40
						Balmory Herb, bales..... D14

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Copaiba, Para, 80 lb cs.....	D	.23	American (no assay) bales....	D	.80	.85	Amboyas, bales.....	D
South American, 80 lb cs.....	D	.28	USP.....	D	1.70	1.85	Penang, bales.....	D
Pir Canada, cans.....	gal	12.80	Cantharides, Chinese cases.....	D	1.05	1.10	Cochineal, USP, boxes.....	D	.35	.37
Oregon, bbls, cans.....	gal	2.70	Powd., boxes.....	D	1.18	1.20	Coca Leaves, Huanuco bags.....	D	...	...
Peru, 120 lb cases.....	D	1.75	Cantharides, Russian, cases.....	D	1.50	1.60	Truxillo, bags.....	D	...	...
Tolu, 90 lb cases.....	D	...	Powdered, boxes.....	D	1.70	1.75	Cohosh Root, Black bags.....	D	.15	.16
Bamboo Brier Root, bags.....	D	.06	Caraway Seed, African, bags.....	D	.23	.24	Blue, bags.....	D	.19	.20
Barberry Bark, tree bales.....	D	.22	Dutch, 110 lb bags.....	D	.22	.23	Colchicum Root, bags.....	D	.08	.09
Bayberry Bark, bales.....	D	.11	Cardamom bleached cases.....	D	1.25	1.70	Seed, bags.....	D	.10	.11
Wax, bbls.....	D	.25	Decoricated, cases.....	D	1.10	1.20	Colombo Root, whole bags.....	D	.03	.04
Belladonna Leaves, bales.....	D	.18	Green, grinding, bags.....	D	.92	.94	Colocynth, apples, cases, bales....	D	.17	.23
Root, bags.....	D	.11	Carnauba Wax, Flor. bags.....	D	.52	.53	Pulp, USP, bales.....	D	.36	.38
Bees Wax, white bbls.....	D	.38	No. 1 N Country bags.....	D	.40	.42	Coltsfoot Leaves, bags.....	D	.06	.07
Yellow, refined bbls.....	D	.28	No. 2 N Country bags.....	D	.24	.26	Comfrey Root, bags.....	D	.13	.14
Crude, bags.....	D	.23	No. 3 Fatty Gray, bags.....	D	.19 1/2	.20	Condurango Bark, bales.....	D	.14	.15
Benzoin Gum, Siam, boxes.....	D	1.25	No. 3 Chalky, bags.....	D	.19 1/2	.20	Conium Seeds, bags.....	D	...	.16
Sumatra, 80 lb boxes.....	D	.27	Cascara Amarga, 150 lb bales....	D	.30	.32	Copaiba Balsam Para, see Balsams		...	...
Berberis Aquifolium Root, bags....	D	.14 1/2	Cascara Sagrada, bales, Old.....	D	.18	.20	Copal Gum.....	D	.12	.13 1/2
Beth Root, bags.....	D	.22	New.....	D	.17	.18	Coriander Seed, Bombay bags....	D	.05	.07
Blackhaw Bark, root, bales.....	D	.40	Cascarilla Bark, quills bales....	D	.36	.40	Morocco, bags.....	D	.10 1/2	.10 1/2
Tree, bales.....	D	.28	Siftings, bbls.....	D	.20	.25	Bleached, bags.....	D	.14 1/2	.15 1/2
Blood Root, bags.....	D	.15	Cassia Buds, 66 lb cases.....	D	.12 1/2	.13	Corn Silk, bales.....	D	.05 1/2	.06
Blueflag Root, bags.....	D	.23	China, select, mats cases.....	D	.09	.09 1/2	Cotton Root Bark, bales.....	D	...	.28
Boldo Leaves, bales.....	D	.20	Salgon, assort. bales.....	D	.24	.25	Cramp Bark, so-called bales....	D	...	.08
Boneset Herb, bales.....	D	.08	Cassia Fistula, baskets.....	D	.09 1/2	.10	True, bags.....	D	.40	.42
Borage Flowers, bales.....	D	.18	Castor Beans, bags.....	D	.03	.03 1/2	Cranesbill Root, bags.....	D	.10	.11
Bryonia Root, bags.....	D	.09	Castoreum, 1 lb bot.....	D	4.00	4.50	CUBEB BERRIES, XX bags.....	D	.70	.75
BUCHU LEAVES, short, 250 lb			Catechu Gum, bags.....	D	.09	.10	Powdered, boxes.....	D	.75	.78
lest, bales.....	D	.90	Catnip Herb, bales.....	D	.12	.15	Culvers Root, bags.....	D	.30	.33
Loos, bales.....	D	1.00	Celery Seed, 220 lb bags.....	D	.20	.21	Cumin Seed, Levant bags.....	D	...	...
Buckthorn Bark, bales.....	D	.07	Ceresin Wax, white bags.....	D	.09	.10	Morocco, bags.....	D	.24	.27 1/2
Burdock Root, bags.....	D	.19	Yellow, 200 lb bags.....	D	.08	.09	Cuttlefish Bone, Trieste, straps..	D	.15	.17
Burgundy Pitch, dom. 110 lb stands		...	CHAMOMILE FLOWERS, Roman			...	Jewels, large, straps.....	D	...	.55
Gross for net.....	D	...	bales.....	D	...	...	Small, straps.....	D	...	.35
Calabar Beans, bags.....	D	.15	Hung. cases bales.....	D	.08	.09	French, straps.....	D	.16	.17
Calamus Root, bleached cases....	D	.36	Charcoal Willow, powd. bbls....	D	.06	.06 1/2	Powdered, boxes.....	D	...	.13
Unbleached, bags.....	D	.10	Wood, powd. bbls.....	D	.04	.06	Broken, boxes.....	D	.07	.07 1/2
Calendula Petals, imp. bales....	D	...	Chestnut Bark, bags.....	D	.07	.08	Damar Gum, 136 lb cases.....	D	.33	.34
Calisaya Bark, bales, powd.....	D	.26	Herb, bales.....	D	.06	.06 1/2	Damiana Leaves, bales.....	D	...	.11
Camphor, see Chemicals		...	Chicle Gum, bags.....	D	.75	1.00	Dandelion Root, imp, bags.....	D	.21	.23
Canary Seed, Morocco bags.....	D	...	Chiretta, bales.....	D	.10	.12	Deer Tongue Leaves, bales.....	D	.09	.10
South American, bags.....	D	.05 1/2	Cinchona Bark, red quills bales..	D	.45	.50	Digitals Leaves, bales.....	D	.07	.08
Candellila Wax, bags.....	D	.23	Broken, bales.....	D	.24	.25	Dill Seed, bags.....	D	.08 1/2	.09
Canella Alba Bark, bales.....	D	.52	Cinnamon, Ceylon, bales, bond....	D	.22	.22 1/2				
			Civet, Abyssin horns.....	oz	2.75	3.75				
			Clover Tops, bags.....	D	.25	.27				

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Flowers, bales.....D	..	: .15	Gualiac Gum, 80 lb cases....D	.32	: .35	Larkspur Seed, bags....D	.33	: .35
Dogras Root, USP, cut bags....D	.12	: .14	Guarana, tins, cases....D	.60	: .70	Laurel Leaves, bales.....D	.04 1/2	: .04 1/2
Dragons Blood, mass cases....D	.55	: .60	GUM. see Arabic Gum, etc.			Lavender Flowers, Ordinary....D	.38	: .40
Reeds, boxes.....D	1.25	: 1.75				Selected.....D	.50	: .55
ECUINACEA ROOT, bags....D	.32	: .34	HELLEBORE ROOT,			Leeches, tubs.....Per 100	...	: 7.00
Elecampane Root, bags....D	.09	: .10	Black, bbls.....D	.08	: .10	Lemon Peel, bags....D	.09	: .10
Elder Flowers, bags....D	.14	: .16	Powdered.....D	.13	: .15	Liverice Root, Russian whole....D	.07 1/2	: .08
Elemi Gum, 80 lb cases....D	.10	: .11	White, Powd. 250 lb bbls....D	.16	: .17	Spanish, natural bales....D	.09	: .09 1/2
Elm Bark, select, 5 lb bundles casesD	.28	: .29	Heionias Root, (unicorn false) bags	.90	: .95	Powdered, bbls.....D	.09 1/2	: .10
Grinding, bags.....D	.10	: .12	Hemp Seed, Manchurian bags....D	.03 1/2	: .04	Selected, 2 & 5 lb bundles....D	.16	: .20
Powdered, bbls.....D	.17	: .18	Chilian, bags.....D	...	: ...	Cuttings, 125 lb bags....D	.07	: .07 1/2
ERGOT, 150-200 lb bags.....D	.43	: .51	Henbane Leaves, bales, USP....D	.35	: .40	Life Everlasting Herbs, bales....D	.05	: .06
Eucalyptus Leaves, bales....D	..	: .35	No assay.....D	.30	: .35	Lime Juice, clarified bbls....gal	.50	: .60
Euphorbia Piliulifera Herb, bags..D	.15	: .17	Henna Leaves, bales.....D	.13	: .14	Linden Flowers, with leaves, baleslb	.14	: .16
Euphorbium Gum, cases....D	..	: .32	Powdered.....D	.17	: .18	Without Leaves, bales....D	.30	: .32
Powdered, boxes.....D	..	: .40	Honey, Calif., 120 lb cases....D	.11 1/2	: .12	Liverwort Leaves, bales....D	.20	: .22
Fennel Seed, French, bags....D	.16 1/2	: .17 1/2	Hope, N. Y. prime bales....D	.25	: .28	Lobelia Herb, bales.....D	.19	: .20
German, bags.....D	.18	: .20	Pacific Coast prime bales....D	.22	: .25	Lobelia Seed, bags....D	.55	: .60
Indian, bags.....D	.10 1/2	: .11 1/2	Horhound Herb, bales.....D	.10	: .11	Lovage Root, Imported, bags....D	..	: .25
Flax Seed, whole 180 lb bbls....ea	13.00	: 13.50	Horsetail Rush, bales....D	...	: .15	Lupulin, boxes.....D	1.40	: 1.50
Ground, 180 lb bbls.....D	.07 1/2	: .08	India Gum, see Karaya			Domestic.....D	1.30	: 1.40
Foenugreek Seed, 200 lb bags....D	.07	: .07 1/2	INSECT FLOWERS, open whole			Lycopodium, 88 lb cs....D	.38	: .38
Fish Berries, 100-125 lb bags....D	.03	: .03 1/2	bales.....D	...	: ...	MACE, Siam, No. 1 cases....D	.44	: .45
Fringe Tree Bark, bags....D	.19	: .20	Closed whole, bales....D	..	: ..	Banda, No. 1 cases....D	.50	: .52
GALANGAL ROOT, bags....D	.06	: .06 1/2	Powdered, pure 200 lb bbls....D	.62	: .65	Batavia, cases.....D	.38	: .39
Galbanum Gum, cases....D	1.00	: 1.10	Flowers and stems, 50 p. c.	.38	: .40	Malva Flowers, blue bales....D	.27	: .30
Gambier Gum, bags.....D	.09	: .09 1/2	200 lb bbls.....D	.38	: .40	Black, bales.....D	.65	: .75
Gamboge Gum, 160 lb cases....D	1.10	: 1.12	Ipecac Root, Cartagena, bags....D	1.75	: 1.80	Manna, large flake cases....D	.58	: .59
Powdered, cases.....D	1.12	: 1.15	Powdered, 200 lb bbls. boxes.D	1.90	: 2.00	Small flake, cases....D	.26	: .26 1/2
Geisemium Root, bags....D	.11	: .11 1/2	Nio Whole, bags.....D	1.75	: 1.85	Sars, cases.....D	.27	: .30
Gentian Root, bags....D	.09	: .09 1/2	Powdered, 200 lb bbls. boxes.D	1.95	: 2.00	Mandrake Root, bags....D	.20	: .22
Ginger, African, bags....D	.13 1/2	: .13 1/2	Isinglass, American, 130 lb cs....D	.65	: .70	Mastic Gum, 120 lb cases....D	.70	: .75
Jamaica, grinding, bags bbls....D	.33	: .43	Russian (Beluga) box, tins....D	5.50	: 7.50	Mexercon Bark, bags....D	.11	: .12
Japan, bags.....D	.14	: .14 1/2	JABORANDI LEAVES, bales....D	.16	: .18	Matico Leaves, bales....D	.20	: .22
Cochin, ABC & lemon, bags..D	.15	: .15 1/2	Jalap Root, whole, 150 lb bags..D	.31	: .35	Marjoram Leaves, German bales..D	.17 1/2	: .18
Ginseng Root, cultivated, bags..D	8.00	: 10.00	Powdered, USP, 250 lb bbls....D	.38	: .40	French, bales.....D	.13 1/2	: .14 1/2
Northern Wild, bags....D	14.00	: 15.00	Japan Wax, 224 lb cases....D	.18	: .20	Millet Seed, dom. yellow bags..D	.03 1/2	: .05
Southern Wild, bags....D	10.00	: 12.00	Job's Tears, white bags....D	.08	: .09	Montan, Wax, crude bags....D	.04	: .04 1/2
Golden Seal Root, bags....D	3.75	: 3.85	Juniper Berries, 125 lb bags....D	.03	: .03 1/2	Bleached.....D	..	: ..
Powdered, boxes.....D	3.90	: 4.00	KANALA, boxes.....D	1.90	: 2.00	Moss, Iceland bales.....D	.08	: .09
Grains of Paradise, bags....D	.12	: .14	Karaya Gum, powdered, bbls....D	.15	: .20	Irish, bleached bales.....D	.10	: .12
			Kava Kava Root, bags....D	.16	: .17	Mullein Flowers, tins.....D	...	: 2.00
			Kino Gum, black cases....D	.60	: .55			
			Kola Nuts, 150 lb bags....D	.05	: .06			
			Kousso Flowers, bags....D	...	: 8.00			

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Tonguin	22.00	25.00	Pepper, black Sing, bags.....	.10%	.10%	Rose Petals, pale22	.25
Grain Cab.	25.00	28.00	White, bags14	.14%	Red60
Tonguin	35.00	38.00	Peppers, red Mombasa, bags...	.16	.16%	Rue Herb, bales.....	.30	.35
Synthetic, see Chemicals			Cherries, bags .....	.14	.15	SABADILLA SEED, bags.....	.12	.12%
Musk Root, Russian bags.....	...	...	Bombay, bags .....	.15	.15%	Powder, bbls .....	.16	.17
Mustard Seed, Bari brown bags..	.08%	.09	Japan, bags .....	.28%	.30	Saffron Flowers, Amer. bales...	1.05	1.15
Bombay, brown .....	.08%	.09	Pennyroyal Herb, bales.....	.08	.12	Valencia, 1 lb cans.....	35.00	38.00
California, brown .....	.08%	.09	Peppermint Leaves, imp. bales..	...	.35	Sage, Dalmatian bales .....	.05%	.06%
Yellow .....	...	.09	Domestic leaf .....	.27	.29	Greek, bales .....	.04%	.05%
Chinese yellow .....	.04	.04%	Peru Balsam, see Balsams	...	...	Spanish, bales .....	...	.03%
English, yellow .....	.08%	.09	Pichi Leaves, bags .....	.23	.25	Sandalwood, chips bags.....	...	.30
Dutch, yellow .....	.08	.08%	Pimento, select bags.....	.05	.05%	Ground, bags .....	...	.35
Danish, yellow .....	.08%	.09	Pink Root, true bags.....	...	1.05	Sandarac Gum, 300 lb bbls....	.20	.23
Myrrh Gum, select 200 lb cs.....	.35	.37	Pitch, Burgundy, see Burgundy Pitch	...	.22	Sarsaparilla Root Honduras, bales	.61	.65
Sorte, cases .....	.33	.35	Plantain Leaves, bales.....	...	.15	Mexican, bales .....	.28	.29
NUTGALLS, Chinese bags .....	.17	.18	Poke Berries, bags.....	...	.15	Sassafras Bark, ordinary bales..	.12	.14
Aleppy, bags .....	.14	.15	Poke Root, bags.....	...	.07%	Select, bales .....	.28	.29
Nutmegs, 110s cases .....	.31	.22	Pomegranate Bark, of root bags..	...	.30	Savory Leaves, bales .....	.08%	.09%
75s, 80s cases .....	.26	.28	Of Fruit, bags .....	...	.30	Saw Palmetto Berries, bags....	.10	.11
Nux Vomica Buttons, bags .....	.07	.08	Of tree .....	...	.30	Scammony Resin, boxes.....	1.40	1.60
Powdered, 200 lb bbls.....	.09	.11	Poppy Flowers, red bags.....	.25	.27	Scammony Root, bags.....	.06%	.07
OAK BARK, red bags.....	.05	.06	Poppy Seed, Dutch, bags.....	.10%	.11	Senega Root, bags .....	.65	.67
White, bags .....	.06	.07	German, bags .....	...	.10%	SENNA, Alex. 150 lb cases.....	.30	.31
Olibanum Gum, sift 280 lb cases..	.08%	.09	Turkish, bags .....	.06	.08	Half Leaf, 350 lb bales....	.17%	.18
Tears, 280 lb cases.....	.11	.12	Blue Indian, bags.....	.08	.08%	Siftings, 400 lb bales.....	.13	.14
No. 1, all white, 280 lb cases	.21	.22	White Indian, bags.....	.07	.07%	Powdered, 200 lb bbls.....	...	.14%
Opium, gum USP cases.....	8.00	9.00	Prickly Ash Bark Southern, bags..	.14	.14%	Tinnerelly, job, 350 lb bbls..	...	.13
Granular, cans	9.00	10.00	Northern, bags .....	...	.16	Grinding, 350 lb bales.....	.05	.07
Powdered, USP, cans	9.00	10.00	Prickly Ash Berries, bags.....	.12	.14	Powdered, 200 lb bbls.....	.08	.08%
Orange Flowers, cases .....	.60	1.00	Prince's Pine, bales.....	...	...	Pods, 350 lb bales.....	.07	.08
Orange Peel, bitter bags.....	.07%	.07%	Pulsatilla Herb, bags.....	.25	.27	Serpentaria Root, bags.....	.20	.25
Sweet, bags .....	.08	.08%	Pumpkin Seed, bags.....	.14	.16	Shellac, T.N., bags.....	.57	.60
Orris Root Florentine bold bags..	.07	.08	QUASSIA CHIPS, bags.....	.06%	.07%	Superfine Orange, bags.....	.63	.65
Verona, bags .....	.05	.06	Queen of the Meadow Herb, bags.	...	.06	D. C., bags.....	.78	.80
Powdered, 200 lb bbls.....	.07%	.08	Quince Seed, bags.....	.75	.95	V. S. O., cases.....	.78	.80
Fingers, cases .....	.58	.60	RAPE SEED, South Amer. bags..	.06%	.07	Pwd. reg., 350 lb bbls.....	...	.68
Ozokerite Wax, brown hard bags..	.22	.24	Dutch, bags .....	.05%	.07	Regular Bleached, 350 lb bbls.	...	.60
Green, hard bags.....	.25	.26	Japanese, small, bags.....	.05%	.06	Boone, Dry, 350 lb bbls.....	.65	.67
Refined, yellow bags.....	...	...	Raspberries, dried boxes.....	.56	.60	Simaruba Bark, bales.....	.69	.10
PAPRIKA, bags .....	.17	.22	Red Saunders .....	.17	.19	Sideritis Herb, cut bags.....	...	.18
Hungarian .....	.27	.37	Rhatany Root, bags.....	...	.10	Skullcap Leaves, bales.....	...	.25
Pareira Brava Root, bags.....	.19	.20	RHEARB. H. D. cases.....	.40	.43	Sloe Berries, bags .....	.08	.04
Parsley Seed, bags08	.08%	Powdered, 200 lb bbls.....	.45	.48			
			Rosemary Leaves, bales.....	.04%	.05			



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Snake Root, Canada natural bags. D	.36	: .38
Stripped, bags	...	: .55
SOAP BARK, whole, 150-200 lb		
bales	.07%	: .08
Cut, 125-175 lb bags	.09	: .09%
Crushed, 200 lb bbls	.09%	: .10
Powdered, 200 lb bbls	.12	: .14
Spearment Leaves, American bales. D	.23	: .24
Spermaceti, blocks calms cases. D	.36	: .37
Spikenard Root, bags	.21	: .23
Spruce Gum, boxes	1.00	: 1.50
Squaw Vine, bales	...	: .17
Stavesacre Seed, bags	.28	: .29
Stone Root, bags	.09	: .10
Storax, liquid artif.	.70	: .75
Gen. USP	.90	: 1.00
St. Ignatius Beans, bags	.22	: .23
St. John's Bread, bags	.04	: .06
Stramonium Leaves, bales	.06	: .07
Stramonium Seed, bags	.12	: .13
Strophanthus Seed, Haplidus	.35	: .40
Kombe, bags	.30	: .35
Sunflower Seed, domestic bags	.07	: .07%
South American, bags	.06	: .07%
TAGALDER BARK, bags		
Tamarind, bbls	...	: .06%
Kops	...	: 2.50
Tansy Herb, bales	.18	: .20
Tar, Barbados, 50 gal. bbls	1.60	: 1.75
Tree Gum, 280 lb bbls	...	: .05%
Thyme, Spanish bales	.08	: .08%
French, bales	.09%	: .09%
Tilia, See Linden		
Toile Balsam, see Balsam		
Tonga Bark, bags	.30	: .31
Tonka Beans, Angustura, cases	2.25	: 2.35
Para, cases	.75	: .80
Surinam, cases	.80	: .85

Tragacanth Gum, No. 1, ribbon	1.48	: 1.50
No. 2 to No. 6, cases	1.00	: 1.48
Powdered, 50 lb boxes	1.00	: 1.50
Turkish, cases	.75	: .90
Turmeric Root, Madras bags	.10%	: .11
Aleppv, bags	.08%	: .09
China, bags	.07	: .07%
Turpentine, Venice, true 80 lb cs. D	.20	: .22
Artificial, 80 lb cases	.14	: .15
Spirits, see Naval Stores	...	
UNICORN ROOT, false, see Helonias		
True, see Aletris	...	
Uva Urd Leaves, bales	.05%	: .06%
VALERIAN ROOT, Belgian bags	.10%	: .11
Vanilla Beans Mex. whole cases	9.00	: 10.00
Cuts, cases	6.25	: 6.50
Bourbon, cases	4.60	: 4.85
South American, cases	6.00	: 6.50
Tahiti, yellow label cases	...	
Green Label, cases	...	
Violet Flowers, bags	.05	: .70
WAHOO BARK, of root bags	.85	: .90
Of Tree, bags	.43	: .45
White Pine Bark, rounded, bags	.06%	: .07%
White Poplar Bark, bags	.04	: .05
WILD Cherry Bark, thin green	...	
Rounded, bales	.12	: .15
Thick Rounded, bales	.09	: .10
Thin Natural, bales	.11	: .12%
Thick Natural, bales	.07	: .08
Willow, bark bags	...	: .06
White, bags	...	: .15
Witch Hazel Bark, bags	...	: .07
Witch Hazel Leaves, bales	...	: .09
Worm Seed, American bags	.09	: .10
Levant bags	3.50	: 3.75
Wormwood Herb, imported bales	...	: .10
Yacca Gum, red	.04	: .04%
Ground	.05%	: .06%
YELLOW DOCK ROOT, bags	.12	: .14
Yellow Parilla Root, bags	.16	: .17
Yerba Santa, bags	.10	: .11
Zedoary Root, bags	.08	: .10

Essential Oils

Almond Bitter USP 5 lb bots	D 3.25	: 3.75
Bitter ft PA 5 lb bots	D 3.25	: 3.75
Artificial (See Benzaldehyde-Chemicals)	...	
Sweet, 56 lb cans	D .34	: .36
Peach Kernel, 55 lb tins	D .34	: .35
Apricot, see Peach Kernel	...	
Amber, crude 25 lb tins	D .70	: .75
Rectified, 25 lb tins	D .90	: 1.00
Angelica Root, 1 lb bot	D 35.00	: 39.00
Seed, 1 lb bot	D 36.00	: 38.00
ANISE, Tech, 66 lb case	D .45	: .47%
USP 50 lb tins	D .50	: .52%
Bay, 25 lb tins	D 2.50	: 2.60
Bergamot, 25 lb coppers	D 2.60	: 2.70
Artificial, 25 lb cans	D 2.00	: 2.25
Birch Tar, rest, 5 lb bot	D 1.10	: 1.15
Crude, 50 lb tins	D .60	: .65
Bois de Rose, 25 lb tins	D 2.40	: 2.50
Cade, USP, 25 lb tins	D .35	: .40
USP, 5 lb bot	D .45	: .50
Cajuput, native, 50 lb tins	D .80	: .85
Calamus, 5 lb bot	D 4.25	: 4.75
Camphor, heavy, 1000 lb drums	D .12%	: .13%
Japanese, white, 72 lb cases	D .13%	: .15
White, 1000 lb drums	D .13	: .15
Cananga, Native 25 lb tins	D 2.25	: 2.50
Rectified, 25 lb tins	D 2.75	: 3.00
Caraway, USP	D 6.50	: 7.00
Cardamom, USP, 1 lb bot	D 20.00	: 22.00
Carrol, 5 lb bot	D 12.00	: 13.00
CASSIA, 75-80 p.e. 66 lb cases	D ...	
Redistilled, USP, 50 lb cans	D 3.15	: 3.25
Cedar Leaf, 50 lb tins	D 1.05	: 1.10
Cedar Wood, light 1000 lb drums	D .26	: .28
Celery, 1 lb bot	D 8.50	: 9.00
Cinnamon, Ceylon 1 lb bot	D 11.00	: 12.50
Leaf, 5 lb bot	D ...	: 2.00
CITRONELLA, Ceylon, 1000 lb drs	D .60	: .70
50 lb tins	D .72	: .75
Java, 400 lb drums	D .85	: .90
50 lb tins	D .87%	: .92%
Cloves, USP, 50 lb cans	D 2.10	: 2.20
6 lb bot	D 2.15	: 2.30

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Copaiba, USP, 50 lb tins.....	D	.35	: .40
Coriander, USP, 1 lb bot.....	D	17.00	: 17.50
Croton, USP, 25 lb tins.....	D	1.00	: 1.10
Cubeba, USP, 5 lb bot.....	D	5.75	: 6.00
Cumin, 1 lb bot.....	D	14.00	: 15.00
Dill, 1 lb bot.....	D	4.25	: 5.00
Erigeron, 20 lb tins.....	D	.75	: .80
EUCALYPTUS, Austl. CSP			
50 lb ex.....	D	.55	: .60
500 lb drums.....	D	..	: .52 1/2
Fennel USP, 25 lb tins.....	D	1.00	: 1.10
Geranium, Algeria, 25 lb tins..	D	8.00	: 8.50
Bourbon, 25 lb tins.....	D	7.00	: 7.50
Turkish, 25 lb tins.....	D	4.75	: 5.00
Ginger, 1 lb bot.....	D	5.75	: 6.00
Gingergrass, 28 lb tins.....	D	2.75	: 3.00
Hemlock, 50 lb cans.....	D	1.10	: 1.20
Juniper Berries, USP, 25 lb tins.	D	1.15	: 1.25
Wood, 50 lb tins.....	D	.60	: .70
Lavender, USP, 28 lb tins.....	D	2.45	: 3.25
Spike, Spanish, 50 lb cans.....	D	.60	: .75
LEMONGRASS, Ital. USP, 25 lb tins.	D	.70	: .85
American, USP, 25 lb tins.....	D	..	: .85
Lemongrass, native, 50 lb cans..	D	.80	: .85
Limes, express 25 lb tins.....	D	1.60	: 1.70
Distilled, 25 lb tins.....	D	.85	: 1.00
Linaloe, Mex. 50 lb cans.....	D	2.15	: 2.35
Mace, distilled, 50 lb tins.....	D	..	: .90
Mirbane, ref., see Ar. Chemicals			
Mustard, USP, 1 lb bot.....	D	..	: 14.00
Artif., USP, 5 lb bot.....	D	2.40	: 2.50
Neroli, Bigarade, 1/2 and 1 lb bot.	D	50.00	: 60.00
Petal, 1 lb bot.....	D	65.00	: 75.00
Artificial, 1 lb bot.....	D	10.00	: 25.00
Nutmeg, USP, 25 lb tins.....	D	.95	: 1.00
Orange, bitter, 25 lb tins.....	D	2.65	: 2.75
Sweet, W. Ind., 25 lb tins.....	D	2.50	: 2.60
Italian, 25 lb cop.....	D	3.25	: 3.75
American, 25 lb tins.....	D	..	: .35
Origanum, 50 lb cans.....	D	.30	: .35
Parsley, 1 lb bot.....	D	3.50	: 4.00
Patchouli, 5 lb bot.....	D	7.75	: 8.00
Pennyroyal, dom 25 lb tins.....	D	1.95	: 2.25
Imported, 25 lb tins.....	D	1.90	: 2.00
PEPPERMINT, nat. 60 lb cans.....	D	3.15	: 3.25
Redist., USP, 60 lb cans.....	D	3.35	: 3.55
Petit Grain, S. Am. 25 lb tins..	D	1.75	: 1.85
French, 1 lb bot.....	D	6.50	: 7.00

Pimento, 25 lb tins.....	D	1.85	: 1.95
Pinus Sylvestris, 25 lb tins.....	D	..	: 1.75
Pumilio, USP, 25 lb tins.....	D	..	: 2.75
Rose, Fr., 8, 16 & 32 oz. pkgs. cs	cs	..	: 9.00
Rulz., 8, 16 & 32 oz. pkgs. cs	cs	8.00	: 9.00
Artificial, 1 lb bot.....	cs	2.00	: 3.00
Rosemary, USP, 27 1/2 lb tins.....	D	.40	: .42
1000 lb drums.....	D	..	: .37 1/2
Teach., 27 1/2 lb tins.....	D	.35	: .40
Rue, 1 lb bot.....	D	..	: 4.25
Sandalwood, E. Ind. USP, 76 lb cases	D	7.35	: 7.50
W. Indian, (Amirya) 25 lb tins..	D	3.00	: 3.25
Sassafras, USP, 50 lb cans.....	D	1.30	: 1.40
Artificial, 1000 lb drs., 60 lb cans	D	.41	: .44
Savin, 5 lb tins.....	D	3.00	: 3.25
Spearmint, USP, 60 lb cases.....	D	2.50	: 2.60
Spruce, 50 lb tins.....	D	1.10	: 1.20
Tansy Amer., 20 lb tins.....	D	4.75	: 5.00
Tar, 50 gal. bbls.....	gal	.25	: .28
Refined, USP 25 lb tins.....	D	..	: .85
Thyme, red, USP 25 lb tins.....	D	1.00	: 1.10
White, USP 25 lb tins.....	D	1.15	: 1.25
Crude, 110 lb drums.....	D	.85	: .90
Vetiver, Bourbon, 1 lb bot.....	D	7.00	: 7.50
Java, 1 lb bot.....	D	22.00	: 24.00
Wine, heavy 1 lb bot.....	D	..	: 2.75
WINTERGREEN,			
Sweet beh., 25 lb tins.....	D	2.00	: 3.00
Gaultheria, true 25 lb tins.....	D	4.00	: 7.00
Synthetic, USP, 50 lb cases.....	D	..	: .47
Wormseed Balt., USP, 25 lb tins..	D	6.00	: 6.50
Wormwood dom., 25 lb tins.....	D	4.75	: 5.00
Ylang Ylang, Bourbon 10 lb. tins	D	7.00	: 8.00
No. 1.....	D	7.00	: 8.00
No. 2.....	D	5.00	: 6.00
Mandla, 1 lb bot.....	D	30.00	: 40.00
Artificial, 1 lb bot.....	D	10.00	: 12.00

OLEORESINS

Aspidium, USP, 1 lb bot.....	D	2.75	: 3.00
Capicum, USP, 5 lb bot.....	D	2.50	: 2.75
Cubeb, USP, 1 lb bot.....	D	4.75	: 5.00
Ginger, 5 lb bot.....	D	3.00	: 3.10
Maleferra, See Aspidium			
Onira, 1 lb bot.....	D	..	: 18.00
Pepper, black, USP, 1 lb bot.....	D	3.50	: 4.00
Vanilla, 1 lb bot.....	D	9.50	: 10.00

Aromatic Chemicals

NATURAL DERIVATIVES

Anethol, 2 lb bot.....	D	1.40	: 3.00
Borneol, 1 lb bot.....	D	..	: 3.50
Citronella, 1 lb bot.....	D	2.00	: 2.25
CITRAL, 25 lb cans.....	D	2.75	: 3.00
EUCALYPTOL, USP, 25 lb cans.....	D	.75	: .80
Eugenol, USP, 25 lb cans.....	D	2.85	: 3.25
Geraniol, Domestic, 50 lb cans.....	D	2.75	: 3.00
Imported, 5 lb bot.....	D	4.00	: 5.00
Iso-Eugenol, 1 lb bot.....	D	4.25	: 5.00
Imported.....	D	5.50	: 6.50
Linalool, 5 lb bot.....	D	5.50	: 6.50
MENTHOL, 60 lb cans.....	D	17.50	: 18.00
Less cases, 5 lb cans.....	D	13.00	: 13.50
Rhodiol, 1 lb bot.....	D	15.00	: 20.00
SAFROL, 60 lb cans.....	D	.55	: .57
Thymol, USP, 10 lb cans.....	D	3.25	: 3.50

SYNTHETIC AROMATICS

acetaldehyde, 50% aol pure, 5 lb bot..	D	1.75	: 2.00
Acetophenone CP, 1 lb bot.....	D	4.75	: 5.00
Aldehyde, C-8 (Octyl), 1 lb bot.....	D	45.00	: 60.00
Aldehyde, C-9 (Nonyl), 1 lb bot..	D	70.00	: 75.00
Aldehyde, C-10 (Decyl), 1 lb bot..	D	50.00	: 55.00
Aldehyde, C-12 (Dodecyl), 1 lb	D	..	: .27
Aldehyde, C-14, 1 lb bot.....	D	27.50	: 32.50
Aldehyde, C-16, 1 lb bot.....	D	22.50	: 25.00
Aldehyde, C-18, 1 lb bot.....	D	70.00	: 80.00
Aubepine, see Anisic Aldehyde			
Amyl Acetate, pure, 5 gal cans, gal	gal	7.00	: 8.00
Amyl Butyrate, 1 lb bot.....	D	2.00	: 2.10
Amyl Formate, 1 lb bot.....	D	2.25	: 3.00
Amyl Phenyl Acetate, 1 lb bot.....	D	8.50	: 9.00
AMYL SALICYLATE, 100 lb clys.....	D	1.75	: 1.85
Amyl Valerate, 5 lb bot.....	D	4.75	: 5.00
Anisic Aldehyde, 1 lb bot.....	D	3.75	: 4.50
BENZALDEHYDE, USP, 40 lb clys.....	D	1.50	: 1.60
FFC, 40 lb clys.....	D	1.75	: 1.85
Benzofic Ether, See Ethyl Benzoate			
Benzophenone, 1 lb bot.....	D	6.75	: 7.00
Benzyl Acetate, 100 lb clys.....	D	1.40	: 1.50
Benzyl Formate, 1 lb bot.....	D	4.00	: 4.25

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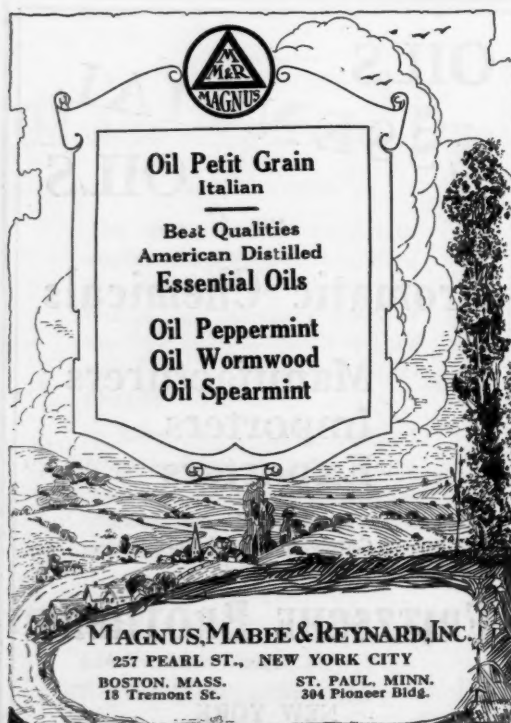
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Aromatic Chemicals

Benzyl Alcohol, 5 lb bot.....	D	1.60	: 1.70	Iso-Butyl Benzoate, 5 lb bot.....	D	4.75	: 5.00	Skatol, 1 oz. bot.....	oz	9.25	: 10.00
BENZYL BENZOATE, 5 lb bot.....	D	1.60	: 1.75	Iso-Safrol, 1 lb bot. imported....	D	5.25	: 5.50	TERPINEOL, CP, 1000 lb drums..	lb	.54	: .55
Medicinal FFC.....	D	1.75	: 2.00	Domestic, 5 lb bot.....	D	4.00	: 4.25	Cans 50 lb.....	lb	.58	: .60
Benzyl Butyrate, C.P., 1 lb bot....	D	6.50	: 7.00	Linalyl Acetate, 1 lb bot.....	D	7.00	: 10.00	Imported, 25 lb cans.....	D	.95	: 1.20
Benzyl Cinnamate, 1 lb bot.....	D	10.00	: 10.50	Linalyl Benzoate, 1 lb bot.....	D	13.00	: 14.00	Terpinyl Acetate, 25 lb cans....	D	1.65	: 1.85
Benzyl Formate, 1 lb bot.....	D	3.00	: 3.25	Linalyl Formate, 5 lb bot.....	D	10.00	: 12.00	VANILLIN, USP, 400 oz. cans....	oz	.40	: .40 1/2
Benzyl Propionate, 1 lb bot.....	D	5.00	: 5.25	METHYL ANTHRANILATE dom.,				Cans, 16 oz., 80 oz. cans....	oz	.40 1/2	: .41 1/2
Bornyl Acetate, 1 lb bot.....	D	2.25	: 3.00	1 lb bot.....	D	3.50	: 4.00	Valerianic Ether, See Ethyl Valerate			
Bornylol, 25 lb keg.....	D	4.00	: 4.25	Imported.....	D	4.50	: 5.00	Yara Yara, 1 lb cans.....	lb	1.75	: 2.00
Butyric Ether, See Ethyl Butyrate				Methyl Benzoate, 5 lb bot. import..	D	2.00	: 2.25				
Cinnamic Acid, 5 lb cans.....	D	3.00	: 3.25	Domestic, 5 lb bot.....	D	1.75	: 2.00				
Cinnamic Alcohol, Liquid 1 lb bot....	D	10.00	: 14.00	Methyl Cinnamate, 1 lb bot.....	D	3.75	: 4.00				
Crystallizable.....	D	12.00	: 16.00	Methyl Heptenone, 1 lb bot.....	D	8.00	: 8.25				
Cinnamic Aldehyde, 1 lb bot.....	D	3.20	: 3.50	Methyl Heptene Carbonate, 1 lb bot..	D	50.00	: 70.00				
CITRONELLOL, 1 lb bot.....	D	7.00	: 12.00	Methyl Paracresol, 1 lb bot.....	D	8.00	: 8.00				
Citronellyl Acetate, 1 lb bot.....	D	12.00	: 13.00	Methyl Phenylacetate, 1 lb bot..	D	6.25	: 6.50				
COUMARIN, 25 lb cans.....	D	4.50	: 4.65	Methyl Phenylacetate, 5 lb bot..	D	6.00	: 6.50				
DIETHYL PHTHALATE, 25 lb cans..	D	.55	: .65	METHYL SALICYLATE, USP 500 lb							
1000 lb dra.....	D	.45	: .50	drums.....	D	...	: .45				
Diphenylchloride, 25 lb tins.....	D	.85	: .90	50 lb cans.....	D	...	: .47				
Ethyl Acetate, pure, 5 lb bot.....	D	.45	: .50	Second Hands.....	D	.43	: .45				
Ethyl Benzoate, 5 lb bot.....	D	1.85	: 2.00	Mirbane, rett 1000 lb drums....	D	12 1/2	: .14				
Ethyl Butyrate, 5 lb bot.....	D	2.00	: 2.25	Musk Ambrette, 1 lb cans.....	D	12.50	: 13.00				
Ethyl Caproate, 1 lb bot.....	D	3.25	: 3.50	Musk Ketone, 1 lb cans.....	D	12.00	: 13.00				
Ethyl Cinnamate, 1 lb bot.....	D	3.75	: 4.00	Musk Xylene, 5 lb cans.....	D	2.90	: 3.15				
Ethyl Formate, 5 lb bot.....	D	2.00	: 2.10	Nerolin, 1 lb cans.....	D	1.65	: 2.00				
Ethyl-methyl Paracresol, 1 lb bot....	D	3.25	: 3.50	Oenanthal Ether, 100%, 1 lb bot..	D	3.25	: 3.00				
Ethyl Propionate, 1 lb bot.....	D	2.25	: 2.50	Oenanthal Ether, 5 lb bot.....	D	1.25	: 1.50				
Ethyl Valerate, 5 lb bot.....	D	4.50	: 4.75	Phenylacetaldehyde, Dom.,							
Ethyl Salicylate, 5 lb bot.....	D	3.25	: 3.50	1 lb bot.....	D	9.00	: 11.00				
Formic Ether, See Ethyl Formate				Imported.....	D	12.00	: 14.00				
Geranyl Acetate, 1 lb bot.....	D	4.25	: 4.75	Phenylacetic Acid, 1 lb bot.....	D	3.00	: 3.25				
Geranyl Butyrate, 1 lb bot.....	D	13.00	: 13.50	Phenyl Diacetate, 1 oz. bot.....	oz	3.25	: 3.50				
Geranyl Formate, 1 lb bot.....	D	12.00	: 12.50	Phenyl propyl Alcohol, 1 lb bot..	D	13.00	: 14.00				
Hydroxycitronellal, 1 lb bot.....	D	11.00	: 12.00	PHENYLETHYLALCOHOL dom.,							
Heliotropin, dom., 10 lb bot.....	D	2.00	: 2.25	1 lb bot.....	D	6.75	: 8.75				
Imported.....	D	2.25	: 2.50	Imported.....	D	7.75	: 9.75				
Indol, CP, 1 oz. bot.....	oz	6.00	: 6.50	Phenylethyl Butyrate, 1 lb bot....	D	25.00	: 26.00				
Ionone, 1 lb bot.....	D	5.00	: 9.00	Phenylethyl Formate, 1 lb bot....	D	18.00	: 19.00				
Alpha.....	D	10.00	: 12.00	Phenylethyl Propionate, 1 lb bot..	D	19.00	: 20.00				
Beta.....	D	9.00	: 11.00	Phenylethyl Valerate, 1 lb bot....	D	22.50	: 26.00				
Methyl.....	D	12.50	: 15.00	Phenylpropylalcohol, 1 lb bot....	D	15.00	: 16.00				




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ALCOHOL—Amyl, 4 drs., 8 cks., Order, Hamburg; Denatured, 115 bbls., C. Esteve, Arcibo
ALOES—500 cs., Selma Merc. Corp., Curacao
AMMONIUM—Carbonate, 20 cks., Farmers Loan & Trust Co., Liverpool; Muriate, 85 cks., C. De P. Field Co., Bristol; Nitrate, 20 bbls., Eimer & Amend, Hamburg; Spirits, 120 bbls., Order, Hamburg
ANILINE—7 drs., 1 bbl., Nat. Aniline Co., Buenos Aires
ANTIMONY—Sulfide, 34 cks., L. H. Butcher & Co., London
ARGOLS—114 bgs., Anglo So. Amer. Bank, Buenos Aires; 196 bgs., C. Pizer & Co., Rotterdam
ARSENIC—250 cs., Chapman Chem. & Eng. Co., Kobe; 100 cs., G. F. Taylor, Kobe; White, 100 cs., A. Klipstein & Co., Kobe; 600 cs., Takata & Co., Kobe; 195 cs., S. W. Bridges & Co., Kobe
BARIUM—Hydrate, 15 cks., W. A. Brown & Co., Hamburg; Superoxide, 33 cks., W. A. Brown & Co., Hamburg
BARK—18 bbls., Order, Trieste; 1,541 bbls., E. J. Haley, Durban; 1,315 bbls., Hammond Carpenter Co., Durban; Cinchona, 9 bbls., D. F. Young, London; Mangrove, 685 bgs., Order, Beira; Senna Siftings, 100 bgs., Anderson Hillier & Co., Hamburg
BAUXITE—2 sks., Ellis Jackson & Co., Marseilles
BARYTES—300 bgs., N. Y. Trust Co., Bremerhaven
BERRIES—Buckthorn, 5 bgs., Brown Bros. & Co., London; Juniper, 2 bgs., Independent Fwdg. Co., London

CALCIUM—Chloride, 49 drs., A. Hirsch & Son, Hamburg; 48 drs., Order, Hamburg; Carbide, 500 drs., Iron & Ore Corp., Antwerp
CAMPHOR—200 bbls., Phila. Nat. Bk., Hamburg; 50 cs., Irving Bk.-Columbia Trust Co., Hongkong; 100 cs., Importers & Traders Nat. Bk., Shanghai; 400 cs., Order, Shanghai; 400 cs., Suzuki & Co., Kobe; 300 cs., Suzuki & Co., Shanghai; 84 cs., Hetherman & Co., Shanghai; 84 cs., D. L. Moss & Co., Shanghai
CASEIN—129 sks., Innis Speiden & Co., Rio de Janeiro
COLORS—12 cs., Geigy Co., Antwerp; 7 bbls., Amer. Exp. Co., Antwerp; 22 cs., R. F. Downing & Co., Antwerp; 14 cks., Ackerman Color Co., Havre; 5 cks., Downings Foreign Exp., Havre; 4 cks., Carbic Color Co., Havre; 6 cks., Ciba Co., Havre; 32 cks., Sandoz Chem. Wks., Havre; 2 bbls., P. Uhlich & Co., Hamburg; 3 cks., 5 cs., Franklin Imp. & Exp. Co., Hamburg; 1 ck., Order, Hamburg
DEXTRINE—5 bbls., Order, Rotterdam
DIVI DIVI—667 bgs., Eggers & Heinlein, Pampatar
EPSOM SALTS—21 bbls., Innis Speiden & Co., Hamburg
ERGOT—7 bgs., Order, Rotterdam; 13 cs., C. L. Huisking, Tokio
EXTRACTS—Logwood Extract, 10 cks., Order, Havre; Quebracho, 1,052 bgs., N. Y. Trust Co., Buenos Aires; 14,168 bgs., Intern. Prod. Co., Buenos Aires; Rennet, 5 cks., Freedman & Slater, Copenhagen
FLOWERS—Chamomile, 22 cs., Anderson Hillier Co., Hamburg; Chamomile Powder, 60 bgs., J. L. Hopkins & Co., Trieste; Chrysanthemum Stems, 86 bbls., Order, Trieste
FULLER'S EARTH—600 bgs., L. A. Salomon & Bros., Bristol

GELATIN—26 cs., W. E. Miller, Havre; 133 bbls., 27 kgs., H. A. Sinclair, Rotterdam; 8 pkgs., P. Puttmann, Hamburg; 16 cks., Equit. Trust Co., Hamburg
GINGERINE—3 cs., Orbis Products Trdg. Co., Southampton
GLAUBER SALT—200 bgs., Order, Hamburg; 110 bbls., A. J. Marcus, Hamburg
GLYCERIN—100 drs., Order, London
GUM—Ammoniac, 7 bgs., D. F. Young, London; Copal, 105 bgs., Brown Bros. & Co., Antwerp; 360 bgs., Central Union Trust Co., Antwerp; 268 bgs., Chem. Nat. Bk., Antwerp; 24 cs., Davies Turner & Co., Marseilles; 94 bgs., Order, Antwerp; Damar, 100 cs., W. Schall & Co., Batavia; 100 cs., Chem. Nat. Bk., Batavia; Mastic, 10 cs., Order, Piraeus; Myrrh, 7 bgs., D. F. Young, London; Tragacanth, 235 bgs., Brown Bros. & Co., London; Yacca, 307 bgs., Baring Bros. & Co., Adelaide
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IRON OXIDE—40 bbls., C. B. Chrystal Co., Malaga; 158 bbls., C. K. Williams & Co., Malaga; 1 cse., Graham Hinkley Co., Malaga; 114 bbls., C. J. Osborn, Malaga; 33 bbls., Nat. City Bk., Malaga; 50 bbls., Reichard Coulston Co., Marseilles; 323 bbls., Hummel & Robinson, Malaga; 185 bbls., C. J. Osborn & Co., Malaga; 30 bbls., Order, Malaga; 50 cks., Battery Pk. Nat. Bank, Liverpool; 10 cks., J. A. McNulty, Liverpool; 10 cks., Order, Liverpool
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SHELLAC—562 bgs., Rogers Pyatt Shellac Co., Southampton; 105 bgs., Order, Southampton; 15 cs., C. F. Gerlach, Rotterdam; 35 bgs., Kasebier Chatfield Shellac Co., Hamburg; Garnet, 23 bgs., Irving Bk., Hamburg; 38 bgs., Kasebier Chatfield Shellac Co., Hamburg

SODIUM SALTS—Bromide, 75 cs., E. Suter & Co., Hamburg; Caustic, 81 drs., A. Klipstein & Co., Hamburg; 161 drs., Goldschmidt Corp., Hamburg; Cyanide, 348 cs., C. Hardy & Rupert, Havre; Phosphate, 57 cks., A. Klipstein & Co., Antwerp; Sulfate, 100 drs., R. F. Downing & Co., Bristol; Hyposulfite, 251 cks., Order, Marseilles

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J. J. Julia & Co., Santo Domingo; 6 seroons, Cordillera Comm. Co., Puerto Plata; 11 seroons, W. Schall & Co., Puerto Plata; Caranaba, 445 bgs., Lasard Freres, Ceara; 43 bgs., London & Brazil Bk., Ceara; 28 bgs., Intern'l Acceptance Bk., Ceara; 535 bgs., Order, Ceara; 113 bgs., Nat. City Bk., Recife; 86 bgs., Amer. Trdg. Co., Rio de Janeiro; 112 bgs., Order, Rio de Janeiro; Mineral, 44 bgs., L. S. Tainter, Hamburg; ZINC-White, 100 cks., E. M. & F. Waldo, Antwerp

AUGUST DYE IMPORTS

(Continued from page 668)

Schultz No.	Dye & Maker	Quantity Pounds
838	Indanthrene blue RS (single stgth.)	1,203
	Indanthrene blue RS triple pdr.-Q.	
840	Indanthrene blue 3G (single stgth.)	11,210
	Indanthrene blue 3G paste-c-B.	
	Indanthrene blue 3G paste fine-c-B	
	Indanthrene blue 3G pdr.-c-B.	
841	Indanthrene blue GGS (single stgth.)	250
	Indanthrene blue 2GSNP quintuple pdr.-B	
842	Indanthrene blue GCD (single strength)	2,000
	Indanthrene blue GCD dbl. paste fine-c-B	
853	Anthraquinone violet	220
	Anthraquinone violet pdr.-nc-B.	
855	Alizarin pure blue	146
	Alizarin pure blue B pdr.-nc-By.	
856	Alizarin astrol	330
	Alizarin astrol B pdr.-nc-By.	
858	Alizarin saphirol	838
	Alizarin blue SAF-c-By.	
	Alizarin light blue B conc.-c-S.	
	Alizarin saphirol SE pdr.-c-By.	
859	Cyananthrol R	110
	Cyananthrol RXO-nc-B	
860	Cyananthrol G	1,020
	Cyananthrol BGAAO-nc-B	
861	Anthraquinone blue SR.	200
	Anthraquinone blue SR extra pdr.-nc-B	
862	Alizarin blue black	1,413
	Alizarin blue black B-c-Q.	
	Alizarin blue black B pdr.-c-M.	
864	Anthraquinone green	150
	Anthraquinone green GXNO pdr.-nc-B	
869	Algol brown B (single strength)	441
	Algol brown R paste-nc-By.	
873	Indanthrene pink	882
	Indanthrene pink B dbl. paste-B.	
885	Brilliant indigo BD paste.	2,460
	Brilliant indigo B paste-B.	
902	Helindone brown 2R (single stgth.)	207
	Helindone brown 2R paste-M.	
906	Ciba red G (single strength)	551
	Ciba red G paste-I.	
907	Ciba scarlet (single strength)	440
	Helindone fast scarlet C paste-nc-M	
	Thioindigo scarlet 2G paste-nc-K	
908	Ciba red R (single strength)	1,102
	Ciba red R paste-nc-I.	
911	Ciba orange G (single strength)	220
	Ciba orange G paste-I	
918	Helindone red 3B (single strength)	880
	Helindone red 3B paste-nc-M.	
	Thioindigo red 3 B paste-K.	
923	Ursol	1,450
	Ursol DG-c-A	
	Ursol P-c-A	
	Ursol brown 2R-nc-A	
	Ursol gray ALA-nc-A	
	Ursol red brown 6R	

Unidentified Acid Dyes

Dye & Maker	Pounds
Acid pure blue R supra-nc-G.	882
Acid rhodamine BG-B	1,500
Acid red violet-nc-Q	11
Acid silver gray-nc-Q	22
Acid violet 7B purple-nc-Q	22
Alizarine direct violet ER-nc-B.	100
Alizarin rubinol	1,728
Alizarin rubinol GW pdr.-nc-By.	
Alizarin rubinol 5G pdr.-nc-By.	
Alizarin rubinol R pdr.-nc-By.	
Azorhodine 2GN conc.-c-S.	500
Brilliant milling blue B-nc-C.	500
Brilliant yellow conc.-S.	500
Guinea fast red	4,300
Guinea fast red 2BL-nc-A.	
Neolan blue	771
Neolan blue B-nc-I.	
Neolan blue 2G conc.-nc-I.	

Dye & Maker	Pounds
Onis (anthosine)	700
Onis 3B-nc-B	
Onis 5B-B	
Polar red	5,248
Polar red G conc.-c-G	
Polar red R conc.-nc-G.	
Polar yellow 5G conc.-nc-G.	2,205
Ponceau-Q	2
Supramine yellow R-nc-B.	200
Unidentified Vat Dyes	
Algol brown G paste-By	165
Hydron scarlet paste.	960
Hydron scarlet 2B paste-nc-C.	
Hydron scarlet 3B paste-nc-C.	
Hydron violet R (single strength)-nc-C	275
Indanthrene brown 3R paste-B.	716
Indanthrene orange 3R paste-B.	600
Vat violet BR paste-GrE.	112

Unidentified Mordant and Chrome Dyes

Acid alizarin gray G-nc-M.	2,235
Alizarin fast gray 2BL-nc-By.	10
Chromanol blue NR-nc-DH.	220
Eriochrome flavine A conc.-c-G.	1,904
Eriochrome green O-nc-G.	110
Metachrome blue black R-nc-A.	500
Omega chrome brown PB conc.-nc-S.	3,873

Unidentified Direct Dyes

Benzo fast blue FFL-By	220
Benzo fast brown 3GL-nc-By	462
Benzo fast eosine BL-nc-By.	110
Benzo fast gray BL-By	324
Benzo rhoduline red 3B-nc-By.	154
Benzo fast violet BL-nc-By.	130
Benzo light brown 3GL-nc-By.	441
Diamine fast gray NBN-MLy.	2,205
Diazamine black N extra-MLy.	388
Diazophenyl black V-G	2,205
Direct marine blue-nc-Q.	2
Good direct R-nc-Q	2
Naphthogene blue B-By	249
Oxamine fast pink BX-B.	125
Triazol light blue 4GL pdr.-GrE.	280
Zambesi black D-c-A	500

Unidentified Basic Dyes

Brilliant acridine orange	330
Brilliant acridine orange 3R-nc-DH.	
Brilliant acridine orange 54-nc-DH.	
Dahlia violet-nc-Q	11

Unidentified Spirit Soluble and Color Lake Dyes	
Lithol fast orange R pdr.-B.	2,000
Typophor carmine FB-B.	10
Typophor yellow FR-B	200

Unidentified, Unclassified Dyes

Blue de France-nc-Q.	22
Fast black LB base-GrE.	1
Mandarin yellow-nc-Q	2
Orseille red-nc-G	2
Reddish brown castor-nc-Q.	22

Color Lakes of Coal-Tar Origin

Azure blue 315 BK-c.	450
Azure blue 1137 K-nc.	1,000
Brown madder-nc	22
Carmine madder	203
Crimson madder of alizarin-c.	22
Madder lake-c	1,000
Permanent red-c	250
Rose madder Y-c	110
Viridine Lake 1028 H.	1,000

Synthetic Aromatic Chemicals of Coal-Tar Origin

Amyl salicylate-c-Switzerland	206
Anisic aldehyde-c-France	50
Benzenophenone-nc-Holland	22
Benzylic acetate-c-Holland, France, Switzerland	421
Benzylic benzoate-c-Holland, France	508
Benzylic formate-c-Germany	2.2
Coumarin-c-Holland	2.2
Cyclohexanol acetate-nc-France.	4.4

Dye & Maker	Pounds
Diethyl phthalate-c-Switzerland.	21.9
Heliotropin-c-Holland	2.2
Methyl methylantranilate-nc-Germany, France	64.4
Musk ambrette-nc-Switzerland, Holland	725
Musk ketone-nc-Switzerland	50
Musk P. C-nc-Switzerland.	2,103
Phenyl acetaldehyde-c-Switzerland, Holland	75
Phenyl ethyl acetate-c-Switzerland, Holland	35
Phenyl ethyl alcohol-c-France, Germany, Holland	503
Phenyl ethyl alcohol extra-c-France	22
Phenylbutyl alcohol-nc-France	2.2
Phenyl ethyl butyl-nc-France.	1.1
Phenysol-nc-Switzerland	30
Rose (for soap)-c-Holland.	331

Medicinals, Photographic Developers and Other Coal-Tar Chemicals

Aminopyrine-nc-Germany	397
Antalgal-nc-France	5
Antipyrine-nc-France	1,880
Antipyrine crystals-nc-Germany	35
Atoquinol, pure-Switzerland	83
Benzoate of mercury-nc-France.	0.625
Caffeine sodio benzoate-c-England	0.422
Cresylic acid, pure-c-England.	2,094
Developer B pdr.-France.	330
Developer Z (phenylmethylpyrazolon)-Germany	110
Diamine Phenol hydrochloride-c-Germany	37.5
Dimethylamidopyrin-nc-Switzerland	20
Dimethylamidopyrazolon-nc-Switzerland	440
Diethylaniline-c-Germany	3.3
Diethylaniline-c-Germany	5.6
Enesol-nc-France	22
Enesol amps. 5 cc-nc-France.	33
Epinine 10 cc-c-England	0.59
Epinine 25 cc-c-England	9.84
Epinine hydrochloride-nc-England	1
Faturan sheets (coal-tar product)-c-Germany	127
Glycin (aminoacetic acid)-Germany	50
Guaiaicol cacodylate-nc-Germany	5.3
Leucotrope W conc.-Germany.	500
Metol hydroquinone solution-c-Germany	75
a-Naphthol-c-Germany	1.65
b-Naphthol-c-Germany	1.38
Naphthol ASSW pdr.-Germany.	1
Para cresol-nc-England	50
Paraphenylenediamine-Germany	1,000
Phenylacetic acid refined-c-Germany	2.2
Phenylethylpyrimidine-nc-Germany	151
*Gallons	
Phenylhydrazine-c-Germany	14.3
Phenylhydrazine hydrochloride-c-Germany	7.15
Physostigmine salicylate-nc-England	156
Pyramidon (dimethylamino-anti-pyrene)-nc-France	1,500
Pyrocatechol-nc-Germany	3.3
Resorcinol tech.-c-France	7,314
Salicylate of didymium-nc-Germany	7.71
Salicylate of soda solution-nc-France	33
Sodium dioxynaphthalene disulfonate coml. (1'8'3'6)-c-Germany	3.3
Sulphanilic acid-c-Germany	2.9
Stovaine 0.01-nc-France	0.55
Thiophen-c-Germany	11
Toluene-c-Germany	11
Toluidine, ortho-c-Germany	2.6
Toluidine, para-c-Germany	3.3
Triolith (wood preservative)-nc-Germany	440
Uranine (fluorescein sodium)-c-Germany	2.6
Wood stains (coal-tar deriv.)-nc-Germany	564

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FOR SALE—Worthington duplex pump 12 x 7 x 12; Ingersoll-Rand air compressor 12 x 14; Shriver wooden filter press 18 inches square; 9 tanks various sizes from 96 to 200 gals. capacity. Box 417, DRUG & CHEMICAL MARKETS.

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Index To Advertisers

Abbott Laboratories	712
Armstrong Cork Co.	398
Baird & McGuire	714
J. T. Baker Chemical Co.	701
The Barrett Co.	710
M. L. Barrett Co.	715
Battelle & Renwick	710
Belgian Trading Co.	718
David Berg Industrial Alcohol Co.	649
Buffalo Foundry & Machine Co.	724
W. J. Bush & Co.	4th cover
Calco Chemical Co.	660
Carbide & Carbon Chemical Corp.	4th cover
The Chatfield Mfg. Co.	642
Chemical Age	682
Chemical Trade Journal	724
Chilean Nitrate Committee	723
Antoine Chiris Co.	716
Church & Dwight	714
The Cleveland-Cliffs Iron Co.	688
The Cleveland Cooperage Co.	390
Consolidated Products Co.	722
Charles Cooper & Co.	693
Darco Sales Corp.	689
Delphi Products, Inc.	724
Diamond Alkali Co.	706
J. E. Dockendorff & Co.	708
Dovan Chemical Co.	688
The Dow Chemical Co.	659
E. I. du Pont de Nemours & Co., Lithopone, Pigments & Heavy Chemical Div.	632
Intermediates Department	703
Dye Products & Chemical Co.	618
Eastman Kodak Co.	628
Electro Bleaching Gas Co.	698
Federal Chemical Co. of Nitro	579
B. G. Feinberg	724
E. Fougera & Co.	628
Fritzsche Bros.	717
Gary Chemical Co.	642
General Chemical Co.	694, 697
W. F. George Chemicals, Inc.	684
Grasselli Chemical Co.	686
William S. Gray & Co.	4th cover
R. W. Greeff & Co.	702
Chas. Hardy & Ruperti, Inc.	688
Harshaw, Fuller & Goodwin Co.	694
The Heller & Merz Co.	686
Edward Hill's Son & Co.	707
Hans Hinrichs Chemical Corp.	4th cover
T. C. Hoelzer Co.	723
Hoffman-La Roche Chemical Works	696
Industrial Chemical Co.	702
International Salt Co.	515
Ellis Jackson & Co.	690
Jayne & Sidebottom, Inc.	711
A. Klipstein & Co.	696
H. R. Lathrop & Co.	713
Chas. Lennig & Co., Inc.	723
McKeechie Bros., Ltd.	714
Herm. Madoery	723
Magnus, Mabec & Reynard, Inc.	718
Mallinckrodt Chemical Works	4th cover
Mathieson Alkali Works	662
May & Baker	715
Meteor Products Co.	640
H. A. Metz & Co.	700
The Miner-Edgar Co.	699
Monsanto Chemical Works	1st cover, 719
Morana, Incorporated	717
Clarence Morgan & Co.	720
M. J. Nanayakkara & Co.	713
National Aniline & Chemical Co.	2nd cover, 684, 690
Newport Chemical Works	725
New York Quinine & Chemical Works	693
Nichols Copper Co.	711
Old Hickory Powder Plant	722
Orelite Co., Inc.	712
Henry W. Peabody & Co.	720
Perth Amboy Chemical Works	559
Pfaltz & Bauer	651
Pharma-Chemical Corp.	519
Powers-Weightman-Rosengarten Co.	693
Rhodia Chemical Co.	715
The Roessler & Hasslacher Chemical Co.	661
C. P. Schlicke	704
Seaboard Chemical Co.	684
The Selden Co.	708
Semet-Solvay Co.	709
E. M. Sergeant Co.	651
Southern Dyestuffs Co.	639
Arthur Stallman & Co.	715
Thorkildsen-Mather Co.	712
Geo. Uhe	714
Ungerer & Co.	715
U. S. Industrial Alcohol Co.	726
U. S. Industrial Chemical Co.	726
Victor Chemical Works	704
Victor & Hosken	719
The Warner Chemical Co.	727
Wilkes-Martin-Wilkes Co.	727
Wing & Evans	703
Isaac Winkler & Bro. Co.	686
Wishnick-Tumpey Chemical Co.	658
Jacques Wolf & Co.	618

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(Isopropyl Alcohol)
Paraldehyde
Propylene Chlorhydrin
Propylene Dichloride
Propylene Glycol
Propylene Oxide
Pentachlorethane
Perchlorethylene
Trichlorethylene

These chemicals were developed and are made by us. Consult our Research Department about them.

CARBIDE AND CARBON CHEMICALS CORPORATION

CARBIDE AND CARBON BUILDING, 38 EAST FORTY-SECOND STREET, NEW YORK
Telephone Vanderbilt 8700

HANS HINRICHS CHEMICAL CORPORATION

30 CLIFF STREET

NEW YORK CITY

Alumina Sulphate 18%
ironfree



WM. S. GRAY & CO.

342 MADISON AVE.

New York City

DENATURED ALCOHOL
(ALL FORMULAS)

METHANOL WOOD ALCOHOL
(ALL GRADES)

FORMALDEHYDE

